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MICHIGAN TRAFFIC ACCIDENT FACTS 1984

prepared by the
Michigan Department of
State Police

PREFACE

Following a year that had recorded the lowest number of fatalities since 1945, 1984 traffic fatalities reflected an increase as the toll reached 1,556.

Compared with 1983, fatalities were up 16.9 percent, injuries climbed 11.0 percent and total accidents were up 11. 4 percent.

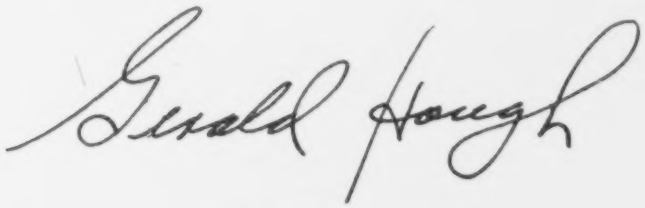
These figures pushed the death rate per one hundred million miles of travel to 2.4, up from the previous year's all-time low of 2.1.

Exposure factors in 1984 show motor vehicle registrations up 1.1 percent to 6.51 million; motor vehicle travel mileage up 3.3 percent to 65.7 billion; and the number of licensed drivers up 1.7 percent to 7.13 million.

Factors influencing the higher traffic death toll and rate in 1984 were felt to include the trend to ignore speed limits and a stepped-up economy in some sectors.

Data on accidents in this booklet were obtained from individual reports and summaries provided by local police departments, sheriff jurisdictions and the Department of State Police. Other related information was obtained from the Departments of Transportation, State, and Public Health.

Grateful appreciation is expressed to all involved agencies for their assistance.



Colonel Gerald L. Hough, Director
Michigan Department of State Police

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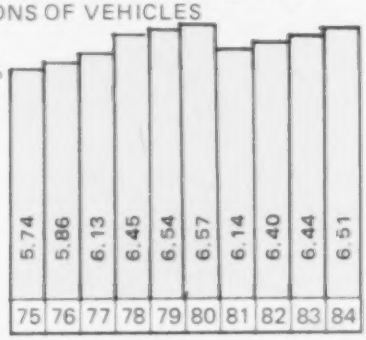
1984 QUICK FACTS

- There were 335,193 reported accidents of which 100,710 were personal injury and 233,091 were property damage accidents.
- A traffic accident was reported every 1 minute 34 seconds.
- Children under the age of 15 accounted for 55.3 percent of the bicycle deaths.
- One person was killed every 5 hours and 39 minutes as a result of a traffic accident.
- Of those fatal accidents where the drinking condition was determined, 51.5 percent indicated that alcohol was a factor.
- There were 150,740 persons injured, crippled and maimed.
- One person was injured every 3 minutes and 30 seconds in a traffic accident in Michigan.
- The economic loss in Michigan traffic accidents amounted to $ 1,587,120,000.
- For each person killed there were 96.9 persons injured.
- Excessive speed was indicated as the hazardous action by 26 percent of the drivers involved in fatal accidents.
- Of the 2,115 drivers involved in fatal accidents, 15.1 percent were under 20 years of age and 33.2 percent of all drivers involved in fatal accidents were under 25 years of age.
- Of all fatal accidents, 28.1 percent occurred at intersections.
- In the last five years, 7,667 persons have been killed in Michigan traffic accidents. This is an average of 1,533 per year. During the previous five-year period, 9,641 persons were killed for an average of 1,928 per year.
- One out of every 5,832 persons living in Michigan was killed in traffic accidents, one out of every 60 persons was injured.
- The 1,556 persons killed were the result of 1,392 fatal accidents for an average of 1.12 deaths per fatal accident.
- 59.3 percent of all accidents occurred in URBAN areas, BUT 68.8 percent of all traffic deaths occurred in RURAL areas.
- The pedestrian death toll for Michigan stands at 250 persons. This represents an increase of 9 deaths from the 1983 figure.
- For each pedestrian killed, there were 18.5 injured.
- Of the pedestrians killed, 35 percent were killed while crossing streets other than at intersections.
- Of all pedestrians killed 26.4 percent were under the age of 20 years and 28.8 percent were 55 and older.
- During the past five years, a total of 1,279 pedestrians have been killed, an average of 256 per year.
- Of the 793,355 vehicle occupants involved in accidents, only 180,403 or 22.7 percent were using occupant restraints.

MICHIGAN TRAFFIC TRENDS (1975-1984)

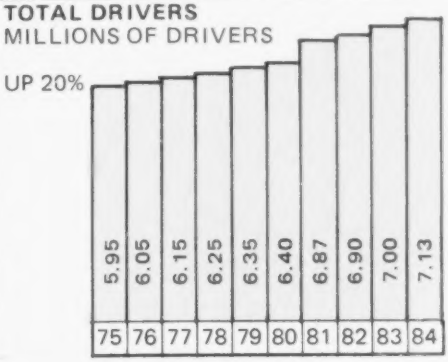
MOTOR VEHICLE REGISTRATIONS
MILLIONS OF VEHICLES

UP 13%



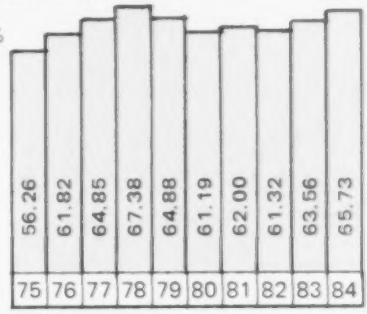
TOTAL DRIVERS
MILLIONS OF DRIVERS

UP 20%



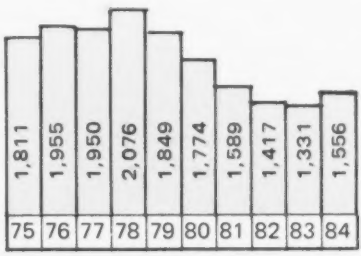
VEHICLE MILES TRAVELED
BILLIONS OF MILES

UP 17%



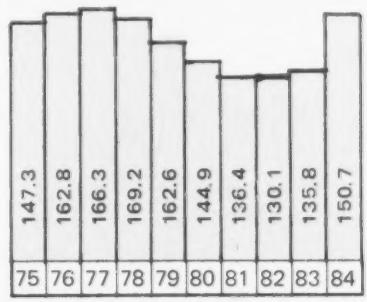
DEATHS
NUMBER OF DEATHS

DOWN 14%



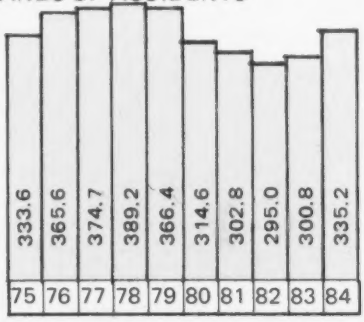
INJURIES
THOUSANDS OF INJURIES

UP 2%



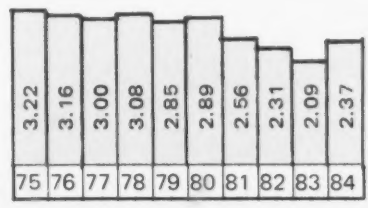
ACCIDENTS
THOUSANDS OF ACCIDENTS

UP .5%



MILEAGE DEATH RATE
DEATHS PER 100 MILLION VEHICLE MILES

DOWN 26%



A fatality was counted when a person died due to injuries from a traffic accident, up to one year after the accident. Starting in 1979 this time period was reduced to 90 days after the accident.

1983 - 1984 SUMMARY TRENDS

- Total accidents increased 11.4% statewide.
- Fatal accidents increased 15.1%.
- Persons killed increased 16.9%.
- Injury accidents increased 10.8%.
- Persons injured increased 11.0%.
- Persons sustaining "A" type injuries (the most serious) increased 8.8%.
- Vehicle occupants, driver and passenger deaths increased 17.9%.
- Non-vehicle occupants, pedestrians, bicyclists, motorcyclists, farm equipment and other deaths increased 14.7%.
- Drinking was a factor in 51.5% of all fatal accidents where the drinking condition was reported, a decrease of 3.4%.

Annual Summary	1983	1984	Percent Change
NUMBER OF ACCIDENTS			
Total Accidents	300,797	335,193	+ 11.4
Fatal Accidents	1,209	1,392	+ 15.1
Personal Injury Accidents	90,891	100,710	+ 10.8
Property Damage Accidents	208,697	233,091	+ 11.7
PERSONS KILLED			
Male	961	1,087	+ 13.1
Female	370	469	+ 26.8
TOTAL	1,331	1,556	+ 16.9
Drivers	630	748	+ 18.7
Passengers	294	341	+ 16.0
Pedestrians	241	250	+ 3.7
Bicyclists	45	47	+ 4.4
Motorcyclists	110	150	+ 36.4
Farm Equipment	5	6	+ 20.0
Other	6	14	+133.3
TOTAL	1,331	1,556	+ 16.9
DRINKING IN FATAL ACCIDENTS			
Had Been Drinking	636 (52.6%)	704 (50.6%)	+ 10.7
Had Not Been Drinking	557 (46.1%)	664 (47.7%)	+ 19.2
Unknown Drinking	16 (1.3%)	24 (1.7%)	+ 50.0
PERSONS INJURED			
"A" Injury	19,537	21,252	+ 8.8
"B" Injury	41,785	44,717	+ 7.0
"C" Injury	74,489	84,771	+ 13.8
TOTAL	135,811	150,740	+ 11.0
PERSONS IN ACCIDENTS			
Killed and Injured	137,142	152,296	+ 11.0
Not Injured	637,078	713,109	+ 11.9
TOTAL	774,220	865,405	+ 11.8

The continuous presence of alcohol as a factor in accidents indicates a need for more legislation in the accident field whereby all drivers involved in accidents would be subjected to a chemical test to determine their blood-alcohol content.

As a measure of accomplishement, Michigan's death rate per 100 million miles has been driven downward from an all-time high of 16.8 in 1935 to the moderate low of 2.4 for this year. Applying the 100 million mile death rate unit to the past three decades will reveal marked progress in the effort to save lives on the state's highways.

A multi-factored effort may be credited with this overall improvement and rests largely on some rather exhaustive participation by several disciplines. Improved highway engineering techniques, technical advances in automobile design and manufacture, emergency medical treatment advancement, better trained drivers and the efficient use of selective enforcement have all been responsible for this better experience.

Traffic accidents, in general, result from various causes, direct and indirect. The three elements of traffic; the driver, the highway and the motor vehicle, contribute, in some measure, to every accident. A preponderance of evidence, however, points to driver error as the chief cause of the majority of accidents.

Many common driver failures can be cited as contributory factors in accidents. Without any particular priority, enforcement investigation shows irresponsible attitude, lack of skill, inattention, fatigue, physical impairment, lack of knowledge and failure to drive defensively as accident-producing factors. It may be noted that the more experienced driver compensates for many of these self-induced mistakes, drawing on learned skills and experiential techniques.

Significantly, driver age group 15 - 24 represents 20.9 percent of the total licensed drivers in Michigan. However, they account for a disproportionate number of all accidents at 31.5 percent and an involvement of 33.2 percent in all fatal accidents. Comparing other ten-year age groupings with this record underscores the high risk potential of the group and strengthens conclusions drawn from past law enforcement experiences.

One of the best prospects for accident reduction and safer driving is a quality driver education and driver improvement program. This program enrolls 97 percent of eligible students in qualifying courses annually. Driver improvement schools, relating to the courts, work to reestablish proper driving skills and attitudes in problem drivers.

With the entrance of the Federal Government into the state traffic safety field (Highway Safety Act of 1966) an acceleration of research and development is producing promising dividends. Variables such as highway design, attitudinal research and program studies are being given a closer look with an eye toward more comprehensive accident prevention planning. Conclusions cannot be easily reached and the complexity of the total problem demands intensified enforcement participation.

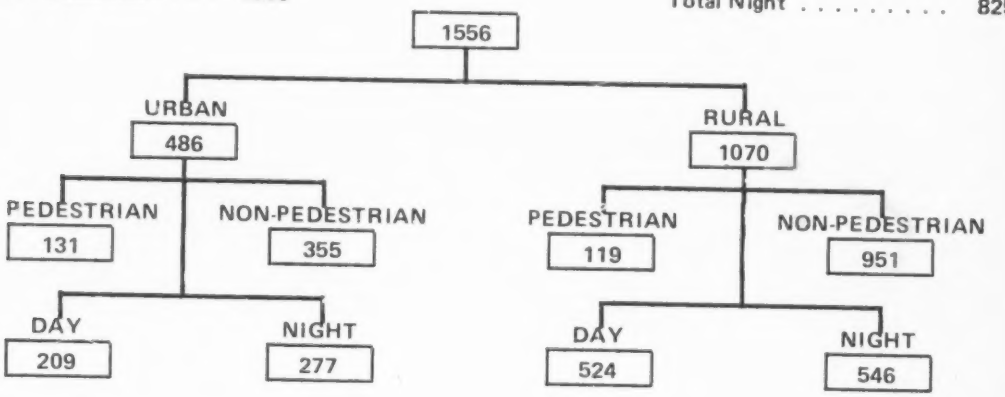
With exposure factors of increased traffic continuing to mount, it is obvious that every effort must be made to implement effective programs. The combined Federal-State jurisdictions will need maximum support from officials and citizens alike if the present trend is to be continued and more lives are to be saved.

PRINCIPAL CLASSES OF MOTOR-VEHICLE DEATHS

About two out of every three deaths in 1984 occurred in places classified as rural. In URBAN areas, 27.0 percent of the victims were pedestrians and in RURAL areas 75.4 percent of the victims were occupants of motor vehicles. Approximately 53 percent of all deaths occurred in night accidents.

Total Pedestrians 250
Total Non-pedestrian 1306

Total Day 731
Total Night 825



FATAL ACCIDENTS BY DATE AND MONTH

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
01.	3	1	3	5	3	2	7	2	7	4	4	2	43
02.	1	3	3	1	4	3	3	3	5	4	3	3	36
03.	6	5	3	1	3	5	6	6	2	4	7	4	52
04.	*	5	2	*	6	3	6	7	5	5	*	2	41
05.	4	2	5	*	4	1	7	11	4	6	1	3	48
06.	4	1	3	4	2	2	5	2	5	4	5	7	44
07.	*	2	2	3	4	7	5	2	6	5	3	2	41
08.	2	1	2	4	3	7	4	4	4	*	1	7	39
09.	3	1	1	1	1	4	4	3	8	*	7	6	39
10.	3	2	5	2	5	11	3	8	1	1	5	3	49
11.	*	4	6	1	4	3	5	7	2	7	7	2	48
12.	1	3	2	3	4	2	6	3	7	7	6	4	48
13.	7	5	2	2	1	4	7	6	1	7	1	1	44
14.	5	2	6	6	2	3	13	5	2	11	4	5	64
15.	5	4	3	2	1	2	5	3	5	*	5	6	41
16.	3	2	1	5	4	9	3	4	4	1	7	4	47
17.	4	2	4	3	8	2	5	6	5	3	2	3	47
18.	3	3	5	3	4	4	6	11	5	11	2	4	61
19.	2	6	*	3	9	5	2	7	4	6	2	6	52
20.	4	*	4	5	4	5	1	2	5	7	7	8	52
21.	2	5	7	3	3	4	1	2	5	3	2	3	40
22.	*	1	4	4	4	3	9	8	4	2	1	6	46
23.	1	5	2	2	3	3	3	3	1	3	3	7	36
24.	4	1	5	1	2	5	1	3	3	7	9	2	43
25.	2	3	2	2	4	4	4	8	2	5	5	2	43
26.	2	*	1	2	1	1	5	6	2	5	4	1	30
27.	3	7	*	3	6	1	6	5	*	7	3	2	43
28.	5	1	*	6	5	6	8	6	4	4	3	4	52
29.	2	–	2	5	2	5	5	5	7	3	4	4	44
30.	4	–	2	2	3	6	5	4	4	2	6	4	42
31.	3	–	4	–	3	–	4	6	–	6	–	11	37
TOTALS . . .	88	77	91	84	112	122	154	153	119	140	119	128	1392

*Deathless Day Holiday Period

PERSONS KILLED BY DATE AND MONTH

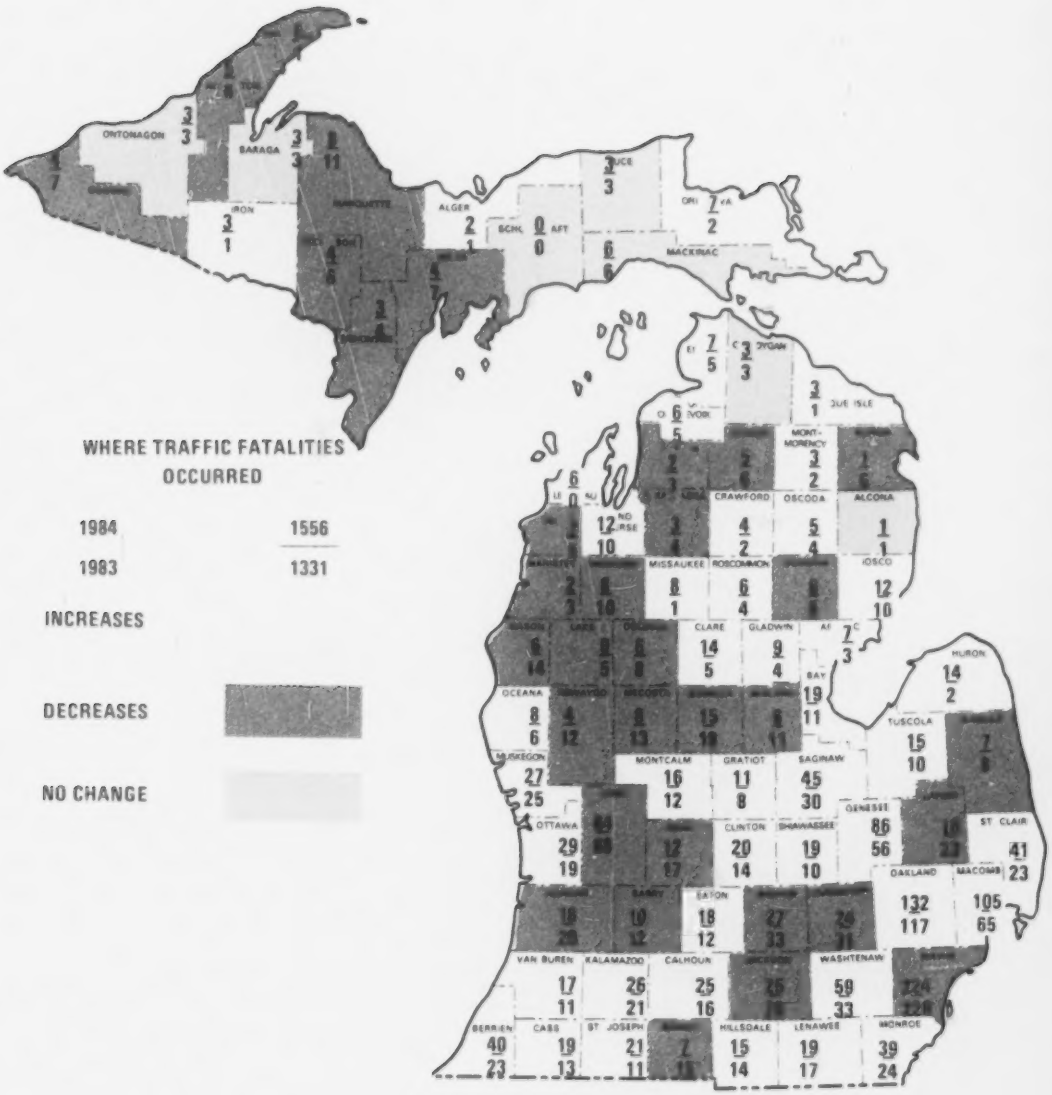
Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
01	3	1	3	7	3	2	7	3	7	4	4	2	46
02	1	3	3	1	4	3	3	3	7	4	3	4	39
03	7	6	4	1	4	6	6	6	2	4	9	4	59
04	*	5	2	*	7	4	6	8	5	7	*	2	46
05	5	2	7	*	4	1	7	12	6	6	1	3	54
06	4	1	4	7	2	6	7	2	5	4	5	11	58
07	*	2	2	3	5	11	9	2	6	6	4	2	52
08	2	1	3	6	4	8	9	6	5	*	1	7	52
09	3	1	2	1	1	4	6	3	11	*	7	7	46
10	3	2	6	2	7	12	3	9	1	1	5	3	54
11	*	4	6	1	5	3	7	8	2	10	13	2	61
12	1	4	2	3	4	2	6	3	8	9	6	4	52
13	7	5	2	2	1	6	7	6	2	7	1	1	47
14	6	2	6	6	2	3	14	6	2	13	4	9	73
15	5	5	3	2	1	2	5	3	5	*	6	6	43
16	3	2	1	5	4	9	3	5	4	1	7	4	48
17	4	2	4	4	8	2	5	7	5	3	2	3	49
18	3	3	5	3	4	5	8	11	5	12	2	4	65
19	2	7	*	4	10	5	2	9	4	6	2	7	58
20	4	*	6	5	4	7	1	2	5	8	8	8	58
21	2	5	9	3	3	4	1	2	6	3	2	5	45
22	*	2	5	4	4	3	9	11	4	2	1	7	52
23	1	5	2	3	3	4	3	3	1	3	3	7	38
24	4	1	5	1	2	6	1	3	3	8	10	2	46
25	2	5	2	2	5	4	5	8	2	5	5	2	47
26	2	*	1	2	2	1	5	6	2	5	4	1	31
27	4	7	*	3	7	1	6	6	*	7	4	2	47
28	6	1	*	6	6	6	9	6	4	4	3	4	55
29	2	–	2	5	3	6	6	5	10	3	5	4	51
30	4	–	3	2	3	7	5	4	6	2	7	4	47
31	3	–	4	–	3	–	4	6	–	6	–	11	37
TOTALS	93	84	104	94	125	143	175	174	135	153	134	142	1556

*Deathless Day Holiday Period

This year Michigan experienced 16 deathless days on Michigan highways.

MICHIGAN TRAFFIC ACCIDENT FACTS FOR VARIOUS TIME PERIODS

Accident Facts	During 1984			Yearly Comparison		% Change
	Per Day	Per Week	Per Month	1983	1984	83-84
Deaths	4.3	29.9	130	1,331	1,556	+ 16.9
Injuries	413	2,899	12,562	135,811	150,740	+ 11.0
Accidents	918	6,446	27,933	300,797	335,193	+ 11.4
Cost of Accidents	$4,348,274	$30,521,538	$132,260,000	$1,197,900,000	$1,587,120,000	+ 32.5
Drivers Involved	1,544	10,837	46,962	499,897	563,543	+ 12.7
Vehicles Involved	1,546	10,853	47,031	500,618	564,368	+ 12.7



WHERE TRAFFIC FATALITIES OCCURRED

1984	1556
1983	1331

INCREASES

DECREASES

NO CHANGE

MOTOR VEHICLE DEATHS, MILEAGE AND RATES BY MONTH

Month	Traffic Deaths					1984 Percentages		
	1980	1981	1982	1983	1984	Percent Deaths	Percent Miles Driven	Death Rate*
January	117	99	98	113	93	6.0	8.6	1.6
February	131	100	79	94	84	5.4	7.6	1.7
March	109	108	93	83	104	6.7	7.9	2.0
April	116	116	91	91	94	6.0	8.0	1.8
May	153	116	114	91	125	8.0	8.1	2.4
June	170	155	121	127	143	9.2	8.6	2.5
July	142	159	154	121	175	11.3	9.0	3.0
August	183	171	153	117	174	11.2	8.9	3.0
September	192	149	128	131	135	8.7	8.7	2.3
October	152	155	144	153	153	9.8	8.3	2.8
November	133	113	131	115	134	8.6	8.2	2.5
December	176	148	111	95	142	9.1	8.1	2.7
TOTALS	**1,774**	**1,589**	**1,417**	**1,331**	**1,556**	**100.0**	**100.0**	**2.4**

***Deaths per 100 million vehicle miles.**

In 1984 the highest death total was in July. Over the five year period August had the highest average, followed by October.

MICHIGAN BICYCLE ACCIDENTS

In 1984, there were 47 bicyclists killed and 3,657 injured in 4,197 total reported accidents involving bicycles and motor vehicles. The number killed was 2 more than in 1983, but the injuries recorded were 2.4 percent lower.

Children under 15 years of age accounted for 26 or 55.3 percent of the bicycle deaths in 1984.

Generally, three out of five bicyclists are killed in rural areas. In 1984, rural deaths were 31 and there were 16 in urban areas. Past experience indicates that urban areas have two to three times as many bicycle injuries and total reported accidents compared with rural experience and this was true again in 1984.

Age of Persons Killed	1980	1981	1982	1983	1984
0 - 4 years	4	1	0	1	1
5 - 9 years	14	11	9	5	6
10 - 14 years	20	12	19	15	19
15 - 19 years	14	7	9	8	4
20 - 24 years	3	4	3	3	4
25 - 34 years	4	4	5	4	7
35 - 44 years	0	1	0	1	3
45 - 54 years	4	1	2	3	0
55 - 64 years	0	1	2	2	0
65 - 74 years	0	1	0	0	0
75 and over	0	1	1	3	3
Not Stated	0	0	0	0	0
TOTALS	**63**	**44**	**50**	**45**	**47**

Age of Persons Injured	1980	1981	1982	1983	1984
0 - 4 years	48	62	40	50	55
5 - 9 years	625	558	528	523	535
10 - 14 years	1,360	1,382	1,291	1,273	1,266
15 - 19 years	990	949	888	900	874
20 - 24 years	331	389	346	399	341
25 - 34 years	258	276	282	358	328
35 - 44 years	62	78	113	110	104
45 - 54 years	37	43	33	44	47
55 - 64 years	29	27	35	27	41
65 - 74 years	21	18	16	24	28
75 and over	13	10	9	12	8
Not Stated	41	30	36	26	30
TOTALS	**3,815**	**3,822**	**3,617**	**3,746**	**3,657**

Detailed information can be obtained on Michigan Bicycle Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MOTORCYCLE AND MOTOR SCOOTER DATA

Motorcycle & Motor Scooter Data	1980	1981	1982	1983	1984
Registrations	254,129	243,858	230,794	219,929	212,613
Deaths	148	153	119	115	151
Death Rate*	5.8	6.3	5.2	5.2	7.1
Estimated Mileage**(million)	762,387	731,574	692,382	659,787	637,839
Death Rate***	19.4	20.9	17.2	17.4	23.6

***Based on 10,000 cycle registrations**
****Based on 3,000 miles per cycle.**
*****Based on deaths per 100 million vehicle miles traveled.**

Motorcycle registrations in 1980 were at a peak, but the last four years reflect a gradual decline with 1984 showing a 3.3 percent decrease over 1983, this compared with a 1.1 percent increase in total motor vehicle registrations.

Based on deaths per 10,000 registrations, mortality rate for motorcycles is 7.1 while deaths for all vehicles is 2.4 per 10,000 registered.

There are no accurate mileage figures for motorcycles, but estimates range from 3,000 to 5,000 miles per year for personal cycles. Such figures indicate that the mileage death rate, based on rider deaths only, may range between 14.2 and 23.6 (deaths per 100 million vehicle miles of travel). This compares with the 1984 death rate for all motor vehicles of 2.4 per 100 million miles which includes pedestrian and other nonoccupant deaths as occupant deaths. There were 783 moped involved accidents; in those accidents, 3 persons were killed and 777 were injured.

Detailed information can be obtained on 1984 Michigan Motorcycle and Motor Scooter Data by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN RAILROAD ACCIDENTS

Of the 253 grade crossing accidents which happened in Michigan during 1984, 16 were fatal accidents in which 22 persons were killed. Approximately 74 percent of the vehicles struck were passenger cars. The rest were mostly trucks, and 4 motorcycles, 1 school bus, and 1 commercial bus also being involved.

Three out of four drivers involved in these accidents were local residents who either drove too fast and were unable to stop or disregarded a traffic signal or sign.

During the daylight hours 141 or 55.7 percent of the train accidents occurred.

Detailed information can be obtained on Michigan Railroad Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN MOTOR VEHICLE-DEER ACCIDENTS

Michigan had 26,420 reported motor vehicle-deer accidents during 1984 in which 5 persons were killed as a result of the collision. Over 75 percent of the vehicles involved were passenger cars.

Accidents involving deer occurred most frequently during the fourth quarter (51%) and the second quarter (20%) of the year for a total of 71 percent of all car-deer collisions.

Over 62 percent of the drivers involved were local residents with 69.1 percent of the accidents occurring during hours of darkness.

Contrary to common belief, motor vehicle-deer accidents are happening in Michigan's southern, heavily populated counties, Kent County being the highest with 910 deer-involved accidents in 1984.

Detailed information can be obtained on Motor Vehicle-Deer Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

SNOWMOBILE ACCIDENTS

	1983 - 1984						1982 - 1983		
	No. of Accidents				No. of Persons				
Type of Accident	Total*	Fatal	Injury	PD	Killed	Injured	Accidents	Killed	Injured
Overturned.	40	0	37	3	0	42	54	1	54
Other Non-collision	55	4	49	2	4	50	54	5	50
Collision with:									
Pedestrian	6	1	5	0	1	5	5	1	5
M.V. in Transport.	143	5	79	59	5	98	48	0	36
M.V.-Other Roadway.	0	0	0	0	0	0	0	0	0
Parked M.V.	40	4	21	15	4	24	13	2	8
Railroad Train. . .	0	0	0	0	0	0	0	0	0
Pedalcyclist	0	0	0	0	0	0	0	0	0
Animal	5	0	1	4	0	2	1	0	0
Fixed Object. . . .	99	2	81	16	2	95	74	3	75
Other Object. . . .	7	0	7	0	0	8	3	0	3
TOTALS.	**395**	**16**	**280**	**99**	**16**	**324**	**252**	**12**	**231**

***Includes 238 Traffic Accidents – 157 Non-traffic Accidents**

Reflecting the relatively light snowfall and sub-zero temperatures of the 1983-1984 snow season, snowmobile accidents managed some increase over the previous snow season with total accidents up 56.7 percent, deaths up 33.3 percent and injuries up 40.3 percent. Statistics show Michigan had 69,251 registered snowmobiles during the 1968-1969 snow season. The latest statistics now show Michigan has registered 271,221 snowmobiles, a drop of 4.0 percent over last year.

Snowmobiles in the State of Michigan are not a passing fancy to be dealt with lightly; their popularity has brought with it many complications, particularly those pertaining to safe operation. There must be continuous concern to improve the safety for all persons involved in snowmobiling.

Detailed information can be obtained on 1984 Michigan Snowmobile Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN FARM EQUIPMENT ACCIDENTS

A total of 374 accidents involving farm equipment were reported on Michigan roadways during 1984. Of these accidents, 322 were the result of a collision with another vehicle. In 92 of these accidents, both vehicles were traveling in the same direction resulting in a rear-end collision. Of the total accidents, 71.1 percent happened during daylight hours and 78.1 percent happened on dry roads.

Farm equipment accidents claimed the lives of 11 persons on Michigan roadways during 1984. Six of the persons killed were drivers or passengers on the farm equipment and were killed in collisions with another motor vehicle. Of the drivers involved in farm equipment accidents 82 percent were males.

Detailed information can be obtained on Michigan Farm Equipment Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

OPERATION C.A.R.E.

The 1984 Operation C.A.R.E. program was again funded through a grant from the Office of Highway Safety Planning. This year's grant totaled $350,000 with $240,000 scheduled for personnel services (patrol overtime, field supervision, and headquarters coordination). Also, ten VASCAR's and assorted public information and education materials were purchased for Operation C.A.R.E. activities.

Troopers worked a total of 6,760 patrol hours of overtime during the summer holiday weekends. These increased patrols generated in excess of 25,000 traffic citations, 525 OUIL arrests, and over 40,000 motorist contacts.

Fifty-two volunteer organizations assisted Operation C.A.R.E. by maintaining traffic safety breaks at 60 rest areas and roadside parks. These groups distributed traffic safety information and it is estimated that nearly one million cups of coffee and cold drinks were served over the summer holiday weekends.

HOLIDAY DEATH COUNT

Year	Memorial Day	July 4th	Labor Day
1974		34	25
1975	28	27	25
1976	34	19	31
1977	32	34	
			18
C 1978	25	23	31
1979	17	12	31
A 1980	23	25	26
1981	12	22	17
R 1982	9	30	21
1983	13	22	17
E 1984	18	8	19

OCCUPANT RESTRAINTS

Since April 1982, Michigan has had a child restraint law, but not a law requiring the use of safety restraints by all vehicle occupants. Other countries have been very successful in passing laws requiring the use of safety restraints by all vehicle occupants, which has caused significant reductions in deaths and injuries.

In reviewing the Michigan restraint data, it is very obvious that there is a great need for more voluntary compliance in restraint usage. Of the total occupants involved in accidents, only 22.8 percent were using restraints, up from 18.2 percent in 1983. There is a need to change the public attitudes; this approach is a long term comprehensive, informational and educational program designed to impact an entire population through small group communication techniques.

Vehicle Occupant Restraint Data	Total Occupants		Occupants In Fatal Accidents		Occupants In Injury Accidents		Occupants Prop. Damage Accidents	
Using Restraints	180,195	22.8%	325	10.7%	52,500	20.1%	127,370	24.2%
Not Using Restraints	559,023	70.7%	2,419	79.3%	193,347	74.0%	363,257	68.9%
Usage Unknown	51,908	6.5%	305	10.0%	15,395	5.9%	36,208	6.9%
TOTAL OCCUPANTS	**791,126**		**3,049**		**261,242**		**526,835**	

	Monthly Percentage of Occupant Restraint Usage												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1978	15.7	14.5	13.6	12.7	12.8	12.3	12.2	11.7	11.9	11.7	12.2	12.0	12.8
1979	12.8	11.8	11.6	10.8	11.0	10.5	10.6	10.8	10.8	10.6	11.2	11.3	11.2
1980	11.0	10.9	11.1	10.3	9.0	8.2	9.6	9.9	10.4	10.8	10.7	11.1	10.3
1981	11.1	11.1	10.9	10.2	10.1	10.5	10.9	10.5	11.5	11.4	11.3	12.4	11.1
1982	13.4	13.8	13.8	15.7	15.3	15.1	15.4	14.9	15.8	15.6	17.3	16.5	15.1
1983	16.8	17.0	17.1	17.2	17.6	17.5	18.1	18.1	17.8	18.9	20.2	20.8	18.2
1984	21.0	20.4	20.8	20.6	20.9	20.7	22.5	22.6	23.4	24.0	25.5	27.1	22.8

AGE OF MAJORITY ACCIDENT DATA
18 - 20 Year Olds

One of the most publicized aspects of the drinking and driving problem has been the emphasis on the "young driver", 18 to 20 years of age. Very diverse opinions as to the significance of the data exists among the concerned interest groups.

The Michigan data reveals that the young drivers are in a downward trend (80-82) since a steady upward trend (74-78). A beginning push to remove drunk drivers from our roadways is viewed in the 1983 arrest figures. Year 1979 was the first year the drinking age was 21 since 1972.

In an attempt to display the most pertinent information, the following schedules have been selected from the complete study for this publication.

DRINKING DRIVERS INVOLVED IN ACCIDENTS

	18 - 20 YEARS				ALL AGES			
ACCIDENT TYPE	1982	1983	1984	83 - 84 % Change	1982	1983	1984	83 - 84 % Change
All	6,859	5,941	5,816	- 2.1	44,427	40,055	40,753	+ 1.7
Fatal	122	109	100	- 8.3	723	631	671	+ 6.3
Injury	3,090	2,744	2,764	+ 0.7	20,154	18,622	19,196	+ 3.1
Property Damage	3,647	3,088	2,952	- 4.4	23,550	20,802	20,886	+ 0.4

ALL DRIVERS INVOLVED IN ACCIDENTS

	18 - 20 YEARS				ALL AGES			
ACCIDENT TYPE	1982	1983	1984	83 - 84 % Change	1982	1983	1984	83 - 84 % Change
All	63,983	64,467	72,030	+ 11.7	491,993	499,897	563,543	+ 12.7
Fatal	241	224	270	+ 20.5	1,927	1,764	2,115	+ 19.9
Injury	19,504	20,131	22,881	+ 13.7	150,498	156,676	177,104	+ 13.0
Property Damage	44,238	44,112	48,879	+ 10.8	339,568	341,457	384,324	+ 12.6

DRINKING DRIVERS IN PERCENT OF ALL DRIVERS INVOLVED IN ACCIDENTS

	18 - 20 YEARS				ALL AGES			
ACCIDENT TYPE	1982	1983	1984	83 - 84 % Change	1982	1983	1984	83 - 84 % Change
All	10.7	9.2	8.1	- 1.1	9.0	8.0	7.2	- 0.8
Fatal	50.6	48.7	37.0	- 11.7	37.5	35.8	31.7	- 4.1
Injury	15.8	13.6	12.1	- 1.5	13.4	11.9	10.8	- 1.1
Property Damage	8.2	7.0	6.0	- 1.0	6.9	6.1	5.4	- 0.7

DRIVERS ARRESTED FOR DRIVING UNDER THE INFLUENCE OF LIQUOR (O.U.I.L.)

	18 - 20 YEARS				ALL AGES			
ARRESTS	1982	1983	1984	83 - 84 % Change	1982	1983	1984	83 - 84 % Change
Total	5,417	6,396	8,276	+ 29.4	53,111	65,451	79,812	+ 21.9
Male	4,802	5,635	7,224	+ 28.2	47,336	57,953	70,166	+ 21.1
Female	615	761	1,052	+ 38.2	5,775	7,498	9,646	+ 28.6

BREATH TESTING

Act No. 253, Public Acts of 1967, which became effective November 2, 1967, created "Implied Consent" in Michigan.

Under the National Highway Safety Act, the Federal government provided Michigan with financial assistance to purchase breath testing equipment and train officers in the use of the equipment. A training program was initiated with the cooperation of Michigan State University, Michigan Department of Public Health, Michigan Law Enforcement Officers Training Council and the Michigan Department of State Police. Training consisted of a comprehensive 40-hour course which was conducted at Michigan State University.

Michigan State University ceased active participation in the program in October, 1978, and the Department of Public Health and Department of State Police continued to train officers, through cooperative efforts, at the Michigan State Police Training Academy and the Detroit Metropolitan Police Academy. Effective April 1, 1981, the Legislature delegated the responsibility of certifying all breathalyzer equipment and operators to the Department of State Police. All 40-hour schools are now conducted by Michigan State Police personnel at both the Michigan State Police Academy and the Detroit Metropolitan Police Academy.

Police agencies from throughout Michigan participate in the program. By December of 1985, approximately 6,198 officers will have been trained. In addition to the initial training program, officers are required to be recertified annually during one-day regional training sessions to maintain their proficiency of operation and to keep abreast of the many changes in law and procedures. Currently there are nearly 2,000 active operators.

Initially, 246 breathalyzers and 248 simulators were received during the grant period. In 1979 an additional 156 breathalyzers were purchased and distributed to participating agencies. All units are maintained and serviced through a scheduled program by certified inspector-operators from the Michigan State Police and Detroit Police Department.

Test Results	Number of Tests	% of Total Tests	% of Arrests
.00 to .07	1,394	2.1	
.08 to .099	2,046	3.2	
.10 to .149	21,121	32.5	
.15 and over	40,433	62.2	
Total breath and blood tests**	64,994	100.0	81.4
Total tests refused*	14,818		18.6
Total persons arrested	79,812		100.0

***Based on refusal forms received by Department of State (incl. information on certificates of conviction).**
****Blood test results available since April, 1983.**

Blood-alcohol levels of .04 are definitely associated with increased accident involvement according to studies. When the alcohol level reaches .06, the probability of having an accident is twice that of the no-alcohol level, at .10 the probability is six times greater, and at .15 it is 25 times greater than if the driver were sober.

OUIL arrests increased in 1984, 21.9 percent over 1983. In 1984, 13,440 arrests were made for drunk driving at an accident scene.

1984 DRIVER INFORMATION

While the crash phase and post-crash phase are important for the prevention of injury and death in all age groups, the pre-crash phase is especially critical among young drivers. What are his attitudes, motivations, perceptions and reactions behind the wheel in the critical minutes and seconds before the "point-of-no-escape"? Excessive speed and loss of control, etc., may occur at any age, but never more than among young drivers.

Effective October 6, 1980, legislation was passed which removed the requirement for a road test from students who had successfully completed a Driver Education Course.

Sex of Driver	NUMBER OF DRIVERS			
	Total	Fatal	Injury	Property Damage
Male	375,050	1,638	112,787	260,625
Female	188,493	477	64,317	123,699
TOTALS	**563,543**	**2,115**	**177,104**	**384,324**

Age Of Driver	Fatal Accident Drivers			Percent 1984 Fatal Accident Involvement	* Percent Driving Population
	1983	1984	Percent Change		
16 years and under	52	62	+19.2	2.9	2.0
17 years	56	73	+30.4	3.4	1.8
18 - 19 years	141	184	+30.5	8.7	4.2
20 - 24 years	344	384	+11.6	18.2	12.9
Group Sub-total	**593**	**703**	**+18.5**	**33.2**	**20.9**
25 - 34 years	464	556	+19.8	26.3	25.9
35 - 44 years	249	301	+20.9	14.2	18.3
45 - 54 years	162	173	+6.8	8.2	12.2
55 - 64 years	124	150	+21.0	7.1	11.7
65 - 74 years	75	107	+42.7	5.1	7.5
75 years and over	60	67	+11.7	3.2	3.5
Not Stated	37	58	+56.8	2.7	—
Group Sub-total	**1,171**	**1,412**	**+20.6**	**66.8**	**79.1**
TOTAL DRIVERS	**1,764**	**2,115**	**+19.9**	**100.0**	**100.0**

*** Based on 1984 Secretary of State driver license data.**

1980 - 1984 TOTAL PERSONS KILLED

Age of Person	1980	1981	1982	1983	1984
0 - 4 years	41	24	22	23	29
5 - 9 years	52	53	37	35	37
10 - 14 years	64	57	48	47	54
15 - 19 years	306	224	219	222	249
20 - 24 years	337	268	223	232	242
25 - 34 years	363	343	297	269	330
35 - 44 years	174	172	146	152	168
45 - 54 years	142	134	122	109	113
55 - 64 years	128	113	118	80	121
65 - 74 years	77	97	80	65	110
75 years and over	85	96	100	95	101
Not Stated	5	8	5	2	2
TOTALS	**1,774**	**1,589**	**1,417**	**1,331**	**1,556**

RESIDENCE OF DRIVER

In approximately three out of four of all motor vehicle traffic accidents, and two out of three fatal accidents, one of the drivers was a local resident. This generally means he lived within 25 miles of the accident location.

Residence of Driver	Drivers, All Accidents		Drivers, Fatal Accidents		Drivers, Injury Accidents		Drivers, Property Damage Accidents	
	Number	% of Total	Number	% of Total	Number	% of Total	Number	% of Total
In County	412,696	73.2	1,423	67.3	134,340	75.9	276,933	72.1
Elsewhere in State	100,421	17.8	535	25.3	31,604	17.8	68,282	17.8
Non-resident	9,660	1.7	71	3.3	2,956	1.7	6,633	1.7
Not Stated	40,766	7.3	86	4.1	8,204	4.6	32,476	8.4
TOTALS	**563,543**		**2,115**		**177,104**		**384,324**	

ACCIDENT EXPERIENCE BY ROADWAY TYPE

The schedule below provides a detailed breakdown of estimated vehicle mileage, accidents, death rates (deaths per 100 million vehicle miles), and accident rates (accidents per 100 million vehicle miles) for the major roadways in Michigan.

Statewide	*Estimated Mileage (Billions)	All Accidents	Deaths	Rates		
				Death Rate	Personal Inj. Accidents	Total Accidents
Limited access roadway	16.9	23,140	146	0.86	45.0	136.9
U.S. & Michigan roads	17.3	87,898	480	2.77	153.1	508.1
County & local roads	31.5	224,155	930	2.95	211.5	711.6
TOTALS	**65.7**	**335,193**	**1,556**	**2.37**	**153.3**	**510.2**

*1984 Michigan Department of Transportation figures.

OBJECTS HIT

Object Hit By Vehicle	% of Total Objects Hit	Total Objects Hit	Fatal Accid.	Personal Injury Accid.	Property Damage Accid.	Rural Accid.	Urban Accid.
Guard rail or post	7.7	4,251	44	1,486	2,721	2,735	1,516
Highway sign	10.5	5,819	46	1,558	4,215	3,194	2,625
Street light, utility pole	13.1	7,250	71	3,315	3,864	2,549	4,701
Culvert	1.0	531	14	290	227	475	56
Ditch, embankment, stream	17.8	9,872	43	3,738	6,091	8,163	1,709
Bridge pier or abutment	0.5	300	9	138	153	130	170
Bridge rail or deck	0.6	327	12	134	181	215	112
Tree	16.9	9,335	155	4,484	4,696	6,906	2,429
Highway or railroad signal	0.6	327	3	111	213	111	216
Building	2.9	1,608	14	598	996	384	1,224
Mailbox	7.4	4,079	17	899	3,163	3,401	678
Fence	5.8	3,201	18	887	2,296	1,670	1,531
Traffic isle or curb	2.3	1,296	23	317	956	360	936
Concrete barrier in median	2.8	1,545	5	752	788	234	1,311
Other on-trafficway object	6.7	3,704	12	908	2,784	1,808	1,896
Other off-trafficway object	2.7	1,479	14	478	987	867	612
Overhead fixed object	0.6	311	0	18	293	133	178
Not known	0.1	72	1	29	42	18	54
TOTALS	**100.0**	**55,307**	**501**	**20,140**	**34,666**	**33,353**	**21,954**
PERCENT TOTALS		**100.0**	**0.9**	**36.4**	**62.7**	**60.3**	**39.7**

The above summary lists incidents in which a fixed object was struck either as primary object hit or as the secondary object hit (rebound).

REGISTRATION TRANSACTIONS

(Includes Original, Renewal, Correction and Replacements)

	VEHICLE						OTHER		
COUNTIES	PASSENGER	COMMERCIAL	TRAILER	MOTORCYCLE	TOTAL PLATES	TOTAL REVENUE	WATERCRAFT	SNOWMOBILE	OFF ROAD
Alcona	5,828	2,316	1,521	257	9,922	299,560.76	1,827	748	483
Alger	4,204	2,174	989	340	7,707	234,811.11	1,401	1,241	469
Allegan	42,350	16,505	8,522	2,794	70,171	2,765,937.76	7,380	2,905	1,410
Alpena	16,764	6,846	4,214	769	28,593	970,932.94	4,272	1,995	379
Antrim	9,479	3,439	2,385	575	15,878	493,830.35	3,579	1,259	247
Arenac	7,685	3,371	2,185	407	13,648	462,687.50	2,886	1,194	544
Baraga	3,842	1,878	788	198	6,706	207,394.61	805	621	246
Barry	23,097	8,872	5,182	1,683	38,834	1,148,541.31	6,527	2,430	648
Bay	64,089	17,298	14,223	2,995	98,605	3,526,997.73	9,568	6,595	3,801
Benzie	6,384	2,481	1,651	403	10,919	325,743.46	2,794	860	120
Berrien	89,852	25,452	13,486	4,539	133,329	4,594,792.31	11,839	3,217	754
Branch	19,776	8,071	5,099	1,442	34,388	1,327,557.14	5,571	1,678	410
Calhoun	75,998	19,962	12,589	4,504	112,953	3,642,330.37	10,146	2,890	1,169
Cass	24,629	9,35	4,782	1,529	40,475	1,281,220.46	7,676	2,236	424
Charlevoix	11,081	4,321	2,514	618	18,534	607,355.32	3,165	1,571	275
Cheboygan	11,122	4,534	3,010	704	19,370	600,185.01	4,122	2,475	443
Chippewa	13,080	5,922	3,465	725	23,192	784,856.01	4,293	3,369	794
Clare	12,173	5,209	3,222	624	21,228	669,496.31	3,152	1,854	519
Clinton	28,361	9,924	6,271	1,936	46,492	1,472,296.71	4,531	3,000	969
Crawford	5,241	2,250	1,334	221	9,046	284,800.28	2,285	1,060	687
Delta	19,925	8,596	5,720	1,225	35,466	1,275,056.33	3,913	3,017	1,759
Dickinson	14,120	5,898	3,418	855	24,291	957,933.79	2,634	1,702	1,060
Eaton	46,058	13,114	8,987	3,017	71,176	2,391,019.17	6,551	3,326	1,562
Emmet	13,717	5,007	2,718	715	22,157	757,010.00	3,576	1,647	334
Genesee	249,857	53,418	37,416	11,050	351,741	11,787,835.48	30,059	14,725	6,936
Gladwin	10,270	4,437	3,013	545	18,265	546,151.48	3,192	1,711	694
Gogebic	8,779	3,878	1,976	410	15,043	486,012.66	2,445	1,212	339
Gd. Traverse	35,584	10,282	7,596	1,754	55,216	1,855,897.15	8,430	3,034	1,216
Gratiot	20,101	7,593	4,940	1,386	34,020	1,247,991.99	2,698	1,797	891
Hillsdale	20,856	8,656	4,739	1,411	35,662	1,263,848.10	3,407	1,666	526
Houghton	15,505	5,430	2,257	783	23,975	778,226.24	2,526	1,696	273
Huron	19,654	8,408	5,005	1,144	34,211	1,263,522.49	2,899	1,696	630
Ingham	151,230	32,694	18,181	7,625	209,730	7,787,620.70	14,668	4,624	2,637
Ionia	24,861	9,053	5,319	1,738	40,971	1,337,223.57	3,698	1,755	761
Iosco	15,474	5,403	3,897	871	25,645	823,427.01	4,520	1,982	924
Iron	7,077	3,625	1,827	352	12,881	426,403.87	2,245	1,091	439
Isabella	21m533	8,018	4,681	1,331	35,563	1,396,947.43	2,996	1,515	534
Jackson	78,413	21,458	12,872	4,123	116,866	3,905,898.77	12,396	4,109	1,396
Kalamazoo	119,614	26,294	16,071	5,869	167,848	5,590,792.08	16,076	3,592	1,827
Kalkaska	6,025	3,550	2,025	412	12,012	625,008.18	1,803	1,083	322
Kent	270,856	59,956	47,109	13,237	391,158	15,963,132.54	33,439	10,931	6,293
Keweenaw	954	354	167	49	1,524	45,912.25	328	144	36
Lake	3,899	1,876	980	158	6,913	200,664.69	1,830	704	286
Lapeer	35,035	12,523	6,772	2,363	56,693	1,851,736.21	4,239	3,478	1,105
Leelanau	7,991	2,829	2,039	384	13,243	422,839.80	3,451	1,156	139
Lenawee	47,680	15,666	9,153	2,856	75,355	2,512,095.18	6,668	4,632	959
Livingston	55,576	15,144	9,207	2,938	82,865	2,598,872.84	9,280	4,389	1,203
Luce	2,960	1,703	1,065	134	5,882	206,933.34	1,278	833	327
Mackinac	4,972	2,368	1,339	297	8,976	277,099.38	2,845	1,802	417
Macomb	449,314	62,419	42,917	12,940	567,590	18,898,812.27	37,774	15,600	7,238
Manistee	12,007	4,469	2,780	575	19,831	663,638.00	2,867	986	493
Marquette	33,549	12,422	5,964	2,230	54,165	1,646,010.74	5,765	4,213	1,834
Mason	13,387	5,170	3,039	865	22,461	740,995.37	3,357	1,198	339
Mecosta	14,506	5,816	3,371	777	24,470	806,392.36	3,703	1,351	279
Menominee	13,187	5,761	3,440	813	23,201	911,827.21	2,275	1,547	702
Midland	44,387	10,530	9,459	2,227	66,603	1,996,796.84	7,534	2,571	1,830
Missaukee	5,241	2,848	1,534	305	9,928	335,125.59	1,518	912	100
Monroe	71,244	20,190	13,171	3,815	108,420	3,730,810.55	8,949	5,393	1,797
Montcalm	24,667	9,639	5,864	1,491	41,661	1,352,669.14	4,667	2,084	842
Montmorency	4,367	2,082	1,257	209	7,915	243,923.68	1,732	1,001	207
Muskegon	86,267	21,889	15,140	5,204	128,500	4,426,643.51	12,504	4,222	2,511
Newaygo	17,646	7,979	4,558	1,256	31,439	1,038,657.71	4,431	1,855	811
Oakland	655,330	97,650	60,765	19,419	833,164	28,700,385.06	58,527	24,301	9,571
Oceana	10,646	4,984	2,323	689	18,642	628,534.83	1,894	1,068	461
Ogemaw	9,986	5,018	3,089	547	18,640	679,898.09	2,457	1,574	497
Ontonagon	4,503	2,288	1,263	223	8,277	257,422.45	1,164	1,226	425
Osceola	9,631	4,418	2,325	546	16,920	573,853.46	1,721	1,218	334
Oscoda	3,884	1,953	1,136	196	7,169	218,960.05	1,458	823	318
Otsego	8,552	3,645	2,152	456	14,805	530,691.70	2,053	1,379	347
Ottawa	91,300	23,276	18,992	5,449	139,017	4,923,060.28	14,234	5,167	2,719
Presque Isle	6,875	3,406	1,855	354	12,490	409,669.46	2,124	1,407	323
Roscommon	10,157	3,701	2,792	484	17,134	520,265.66	5,099	3,336	693
Saginaw	123,322	27,353	20,891	4,773	176,339	5,954,859.18	15,488	9,116	3,638
St. Clair	75,377	20,199	11,820	3,475	110,871	3,784,273.58	11,193	4,876	1,430
St. Joseph	30,334	11,093	6,093	2,106	49,626	1,623,091.05	7,034	1,583	568
Sanilac	20,074	7,942	4,247	1,179	33,442	1,185,822.74	1,720	1,742	362
Schoolcraft	4,168	2,081	1,209	276	7,734	275,277.48	1,590	1,054	742
Shiawassee	36,515	12,182	7,178	2,365	58,240	1,871,074.68	4,402	3,318	1,383
Tuscola	28,428	11,818	7,604	1,881	49,731	1,664,075.40	3,885	4,159	1,530
Van Buren	33,141	12,707	5,856	1,951	53,635	1,747,797.06	6,347	1,567	553
Washtenaw	140,974	25,649	13,541	5,995	186,159	5,951,844.98	13,548	5,136	1,464
Wayne	1,203,525	164,448	96,334	30,271	1,494,578	55,430,407.99	73,662	19,675	10,602
Wexford	13,456	5,017	3,434	721	22,628	782,749.07	3,726	1,449	350
Non-Resident	29,821	13,667	15,456	255	59,199	5,171,530.71	22,810	2,851	1,011
Unknown County	—	—	—	—	—	—	4,890	799	2,443
TOTAL	5,143,379	1,153,200	730,790	212,613	7,239,982	—	650,011	271,221	111,363

ANNUAL REPORT

* There were 1,556 persons killed and 150,740 persons injured in 335,193 reported motor vehicle traffic accidents in Michigan during 1984. Compared with 1983 experience, deaths increased 16.9 percent, injuries increased 11.0 percent and total reported accidents showed an 11.4 percent increase.
* This year deaths were the highest since 1981.
* Some exposure factor comparisons between 1984 and 1983 show motor vehicle registrations rose 1.1 percent, vehicle mileage rose 3.3 percent, and licensed drivers increased 1.7 percent.
* With the increase in exposure factors in 1984 the death rate of 2.37 per 100 million vehicle miles of travel also showed an increase from the 1983 death rate of 2.09.
* Urban deaths increased 12.2 percent, injuries increased 11.3 percent and total accidents increased 11.1 percent as compared to 1983.
* Rural deaths increased 19.2 percent, injuries increased 10.6 percent and total accidents increased 11.9 percent as compared to 1983.
* Urban areas accounted for 59 percent of all accidents and 31 percent of all traffic deaths.
* Rural areas accounted for 41 percent of all accidents and 69 percent of all traffic deaths.
* Rural areas accounted for 40 percent of all injuries while 60 percent were in urban areas.
* Pedestrian deaths increased 9 persons over the 1983 figure. Rural pedestrian deaths were up 3 over 1983 and urban pedestrian deaths were up a total of 6 persons.

* * * * *

MOTOR VEHICLE TRAFFIC ACCIDENTS IN MICHIGAN

PERIOD _____ YEAR - 1984

Compiled by the Michigan State Police

Col. Gerald L. Hough, Director

SUMMARY OF ALL REPORTED ACCIDENTS

STATEWIDE

SUMMARY INCLUDES INFORMATION AVAILABLE _____

TOTAL ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
1. OVERTURNED	10453	106	6377	3970	15963	111	8531	7321	1936	3474	3121	10453	111	8531
2. OTHER NON-COLLISION	2162	18	727	1417	3919	18	824	3077	243	353	228	2162	18	824
COLLISION WITH: 3. PEDESTRIAN	4447	234	4080	133	11302	238	4354	6710	1485	1561	1308	4447	238	4354
COLLISION WITH: 4. M.V. IN TRANSPORT	210951	573	65913	144465	669975	679	107615	561690	12034	26937	68644	210951	679	107615
COLLISION WITH: 5. M.V. OTHER ROADWAY	107	12	47	48	396	18	117	261	34	32	51	107	18	117
COLLISION WITH: 6. PARKED M.V.	27805	17	2749	25039	36856	17	3425	33414	442	1357	1626	27805	17	3425
COLLISION WITH: 7. RAILROAD TRAIN	253	16	104	133	382	22	149	211	46	53	50	253	22	149
COLLISION WITH: 8. PEDALCYCLIST	4177	45	3543	589	10379	47	3745	6587	688	1814	1243	4177	47	3745
COLLISION WITH: 9. ANIMAL	26228	4	736	25488	43206	4	844	42358	9	336	411	26228	4	844
COLLISION WITH: 10. FIXED OBJECT	47370	365	16264	30741	70966	400	20913	49653	4215	8704	7994	47370	400	20913
COLLISION WITH: 11. OTHER OBJECT	1240	2	170	1068	2052	2	223	1827	32	96	95	1240	2	223
TOTALS	335193	1392	100710	233091	865405	1556	150740	713109	21252	44717	84771	335193	1556	150740

ON ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
1. OVERTURNED	1932	24	1411	497	2740	25	1729	986	438	827	464	1932	25	1729
2. OTHER NON-COLLISION	1804	14	629	1161	3404	14	701	2689	215	302	184	1804	14	701
COLLISION WITH: 3. PEDESTRIAN	4256	219	3908	129	10830	222	4146	6462	1409	1488	1249	4256	222	4146
COLLISION WITH: 4. M.V. IN TRANSPORT	210728	566	65851	144311	669255	671	107490	561094	12014	26893	68583	210728	671	107490
COLLISION WITH: 5. M.V. OTHER ROADWAY	107	12	47	48	396	18	117	261	34	32	51	107	18	117
COLLISION WITH: 6. PARKED M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH: 7. RAILROAD TRAIN	249	15	103	131	378	21	148	209	46	53	49	249	21	148
COLLISION WITH: 8. PEDALCYCLIST	4072	42	3456	574	10127	44	3654	6429	675	1768	1211	4072	44	3654
COLLISION WITH: 9. ANIMAL	26169	4	730	25435	43115	4	836	42275	96	333	407	26169	4	836
COLLISION WITH: 10. FIXED OBJECT	1540	16	279	1245	2326	19	346	1961	71	121	154	1540	19	346
COLLISION WITH: 11. OTHER OBJECT	1154	1	146	10078	1899	1	181	1717	23	77	81	1154	1	181
TOTALS	252011	913	76560	174538	744470	1039	119348	624083	15021	31894	72433	252011	1039	119348

OFF ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
1. OVERTURNED	8521	82	4966	3473	13223	86	6802	6335	1498	2647	2657	8521	86	6802
2. OTHER NON COLLISION	358	4	98	256	51	4	123	388	28	51	44	358	4	123
COLLISION WITH: 3. PEDESTRIAN	191	15	172	4	472	16	208	248	76	73	59	191	16	208
4. M.V. IN TRANSPORT	223	7	62	154	729	8	125	596	20	44	61	223	8	125
5. M.V. OTHER ROADWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. PARKED M.V.	27805	17	2749	25039	36856	17	3425	33414	442	1357	1626	27805	17	3425
7. RAILROAD TRAIN	4	1	1	2	4	1	1	2	0	0	1	4	1	1
8. PEDALCYCLIST	105	3	87	15	252	3	91	158	13	46	32	105	3	91
9. ANIMAL	59	0	6	53	91	0	8	83	1	3	4	59	0	8
10. FIXED OBJECT	45830	349	15985	29496	68640	381	20567	47692	4144	8583	7840	45830	381	20567
11. OTHER OBJECT	86	1	24	61	153	1	42	110	9	19	14	86	1	42
TOTALS	83182	479	24150	58553	120935	517	313921	89026	6231	12823	12338	83182	517	31392

ROAD SURFACE	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DRY	212523	990	65404	146129
WET	73013	247	23297	49469
SNOWY/ICY	46806	139	11186	35481
OTHER	2851	16	823	2012
TOTAL	335193	1392	100710	233091

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DAYLIGHT	203570	606	62168	140796
DAWN/DUSK	15979	45	4233	11701
DARKNESS/LIGHTS	41376	244	13986	27146
DARKNESS/NO LIGHTS	72931	491	20084	52356
NOT STATED	1337	6	239	1092
TOTAL	335193	1392	100710	233091

AGE	NUMBER OF PERSONS KILLED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	29	18	11	0	21	7	1	0	0	0
5 - 9	37	22	15	0	11	18	6	0	1	1
10 - 14	54	33	21	1	17	12	19	5	0	0
15 - 19	249	180	69	104	83	29	4	29	0	0
20 - 24	242	196	46	138	49	13	4	35	0	3
25 - 34	330	253	77	174	43	50	7	50	1	5
35 - 44	168	119	49	86	28	27	3	23	0	1
45 - 54	113	74	39	64	20	21	0	5	1	2
55 - 64	121	71	50	72	18	27	0	2	2	0
65 - 74	110	67	43	64	24	20	0	0	1	1
75 & Over	101	52	49	45	26	25	3	1	0	1
Not Stated	2	2	0	0	1	1	0	0	0	0
TOTAL	1556	1087	469	748	341	250	47	150	6	14

CODE OF INJURY

A — INCAPACITATING INJURY
Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B — NON-INCAPACITATING INJURY
Any injury not incapacitating but evident to others at the scene.

C — POSSIBLE INJURY
No visible injury but complaint of pain or momentary inconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	3048	1603	1445	0	2712	259	55	9	0	13
5 - 9	4528	2374	2154	6	3144	785	535	36	1	21
10 - 14	6338	3258	3080	122	3971	639	1266	300	9	31
15 - 19	26790	14264	12526	13787	9921	646	874	1450	10	102
20 - 24	25828	14442	11386	16692	6469	441	341	1677	6	202
25 - 34	33005	17663	15342	23139	6829	667	328	1783	8	251
35 - 44	19481	9542	9939	14258	3842	390	104	732	7	148
45 - 54	11324	5201	6123	8142	2586	212	47	249	9	79
55 - 64	9542	4352	5190	6569	2538	224	41	97	7	66
65 - 74	5525	2359	3166	3559	1764	136	28	17	3	18
75 & Over	2869	1233	1636	1644	1067	130	8	8	2	10
Not Stated	2462	1313	1149	1344	857	96	30	82	0	53
TOTAL	150740	77604	73136	89262	45700	4625	3657	6440	62	994

STATEWIDE

MUNICIPALITIES	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. TOWNSHIPS	301272	1033	636	397	57825	38284	19541	10908	19511	27406	242414	636	38284	397	19541
2. UNDER 1,000	6386	12	9	3	913	681	232	151	322	440	5461	9	681	3	232
3. 1,000 - 2,500	17477	25	17	8	2090	1648	442	328	725	1037	15362	17	1648	8	442
4. 2,500 - 5,000	25927	19	12	7	3485	2933	552	476	1093	1916	22423	12	2933	7	552
5. 5,000 - 10,000	30854	28	22	6	4159	3458	701	591	1397	2171	26667	22	3458	6	701
6. 10,000 - 25,000	64378	57	39	18	9645	8333	1312	1181	2841	5623	54676	39	8333	18	1312
7. 25,000 - 50,000	94060	74	57	17	14880	13033	1847	1813	4150	8917	79106	57	13033	17	1847
8. 50,000 - 100,000	108260	95	78	17	18559	16569	1990	1890	5228	11441	89606	78	16569	17	1990
9. 100,000 - 250,000	93920	85	72	13	14862	13111	1751	1468	4323	9071	78973	72	13111	13	1751
10. 250,000 OR MORE	122871	128	97	31	24322	21298	3024	2446	5127	16749	98421	97	21298	31	3024
TOTALS	865405	1556	1039	517	150740	119348	31392	21252	44717	84771	713109	1039	119348	517	31392

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. TOWNSHIPS	127182	901	37908	88373	87994	539	23081	64374	39188	362	14827	23999	127182	901	37908	88373
2. UNDER 1,000	2498	9	622	1867	1642	6	443	1193	856	3	179	674	2498	9	622	1867
3. 1,000 - 2,500	6667	24	1504	5139	4790	16	1166	3608	1877	8	338	1531	6667	24	1504	5139
4. 2,500 - 5,000	9580	17	2416	7147	7329	10	1974	5345	2251	7	442	1802	9580	17	2416	7147
5. 5,000 - 10,000	11391	26	2881	8484	8561	20	2349	6192	2830	6	532	2292	11391	26	2881	8484
6. 10,000 - 25,000	24161	55	6663	17443	18752	37	5628	13087	5409	18	1035	4356	24161	55	6663	17443
7. 25,000 - 50,000	34770	70	10160	24540	27634	53	8680	18901	7136	17	1480	5639	34770	70	10160	24540
8. 50,000 - 100,000	38718	91	12499	26128	31537	74	10866	20597	7181	17	1633	5531	38718	91	12499	26128
9. 100,000 - 250,000	34485	77	10236	24172	27669	64	8830	18775	6816	13	1406	5397	34485	77	10236	24172
10. 250,000 OR MORE	45741	122	15821	29798	36103	94	13543	22466	9638	28	2278	7332	45741	122	15821	29798
TOTALS	335193	1392	100710	233091	252011	913	76560	174538	83182	479	24150	58553	335193	1392	100710	233091

CLASS OF TRAFFICWAY	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. INTERSTATE SYSTEM	48483	112	67	45	9203	6163	3040	1305	2556	5342	39168	67	6163	45	3040
2. OTHER FULL CONTROL	10234	34	25	9	2100	1479	621	304	565	1231	8100	25	1479	9	621
3. OTHER U.S. ROUTE	69482	148	112	36	11840	9976	1864	1716	3151	6973	57494	112	9976	36	1864
4. OTHER STATE M ROUTES	176804	332	268	64	29585	26009	3576	4127	8227	17231	146887	268	26009	64	3576
5. OTHER MAJOR ART'L.	28666	30	25	5	4433	4046	387	515	1236	2682	24203	25	4046	5	387
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS--N.K.	531736	900	542	358	93579	71675	21904	13285	28982	51312	437257	542	71675	358	21904
TOTALS	865405	1556	1039	517	150704	119348	31392	21252	44717	84771	713109	1039	119348	517	31392

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. INTERSTATE SYSTEM	19137	92	6245	12800	13476	53	3948	9475	5661	39	2297	3325	19137	92	6245	12800
2. OTHER FULL CONTROL	4003	30	1362	2611	2819	21	900	1898	1184	9	462	713	4003	30	1362	2611
3. OTHER U.S. ROUTE	24978	132	7476	17370	20755	97	6048	14610	4223	35	1428	2760	24978	132	7476	17370
4. OTHER STATE M ROUTES	62920	291	19008	43621	54312	229	16198	37885	8608	62	2810	5736	62920	291	19008	43621
5. OTHER MAJOR ART'L.	9759	30	2969	6760	8609	25	2676	5908	1150	5	293	852	9759	30	2969	6760
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS – N.K.	214396	817	63650	149929	152040	488	46790	104762	62356	329	16860	45167	214396	817	63650	149929
TOTALS	335193	1392	100710	233091	252011	913	76560	174538	83182	479	24150	58553	335193	1392	100710	233091

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.
1. CAR GOING STRAIGHT	3655	1550	2105	217	50	167	3335	1460	1875	103	40	63
2. CAR TURNING STRAIGHT	218	198	20	0	0	0	206	187	19	12	11	1
3. CAR TURNING LEFT	271	224	47	5	3	2	257	212	45	9	9	0
4. CAR BACKING	175	36	139	5	0	5	166	36	130	4	0	4
5. ALL OTHERS	88	27	61	3	1	2	81	24	57	4	2	2
6. NOT STATED	40	10	30	4	0	4	35	10	25	1	0	1
TOTALS	4447	2045	2402	234	54	180	4080	1929	2151	133	62	71

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		TOTAL	0 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 44	45 TO 64	65 & OLDER	NOT STATED
1a. CROSSING AT INTERSECTION OR IN CROSSWALK	47	1631	59	298	240	211	141	325	189	141	27
1b. CROSSING NOT AT INTERSECTION OR IN CROSSWALK	88	1524	165	420	239	137	91	260	96	86	30
2a. WALKING IN ROADWAY – WITH TRAFFIC	23	241	2	4	23	67	38	75	19	10	3
2b. WALKING IN ROADWAY – AGAINST TRAFFIC	6	63	0	0	13	16	6	18	9	1	0
3. STANDING IN ROADWAY	39	246	0	8	15	34	38	95	34	17	5
4. PUSHING OR WORKING ON VEHICLE IN ROADWAY	3	116	0	3	0	15	33	50	8	3	4
5. OTHER WORKING IN ROADWAY	0	38	1	0	1	2	4	23	6	0	1
6. PLAYING IN ROADWAY	0	56	10	22	17	3	2	1	1	0	0
7. OTHER IN ROADWAY	10	329	12	14	38	67	38	108	35	10	7
8. NOT IN ROADWAY	24	531	12	28	55	102	57	145	78	36	18
9. NOT STATED	10	100	5	6	10	21	6	34	9	7	2
TOTALS	250	4875	268	803	651	675	454	1134	484	311	97

TS-1 (PART 2)

STATEWIDE

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTERSECTION	1. ENTERING AT ANGLE	49565	185	17924	31456
	2a. FROM SAME DIRECTION (both going straight)	11230	6	2695	8829
	2b. SAME – ONE TURN, ONE STRAIGHT	11003	8	2156	8839
	2c. SAME–ONE STOPPED	25291	5	9035	16251
	2d. SAME–ALL OTHERS	2353	0	183	2170
	3a. FROM OPP. DIRECTION (both going straight)	2156	15	855	1286
	3b. SAME–ONE LEFT TURN, ONE STRAIGHT	14729	36	6235	8458
	3c. SAME–ALL OTHERS	462	0	121	341
	4. NOT STATED	6169	1	596	5572
	TOTALS	122958	256	39500	83202

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
NOT AT INTERSECTION	1. GOING OPP. DIRECTION (both going straight)	7802	223	3020	4559
	2. GOING SAME DIRECTION (both moving)	26998	40	6971	19987
	3a. ONE CAR PARKED	21636	16	2153	19467
	3b. ONE CAR STOPPED IN TRAFFIC	20156	19	7567	12570
	4a. ONE CAR ENTERING PARKED POS.	190	0	30	160
	4b. ONE CAR LEAVING PARKED POS.	1949	1	182	1766
	5a. ONE CAR ENTER. DRIVEWAY ACCESS	15766	27	4819	10920
	5b. ONE CAR LEAVING DRIVEWAY ACCESS	19441	17	4093	15331
	6. ALL OTHERS/NOT STATED	1967	3	374	1590
	TOTALS	115905	346	29209	86350

		ALL OTHER ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTER.	COLLISION WITH:	1. OTHER ROAD VEH.,OR RR TRAIN	2432	10	2036	386
		2. FIXED OBJECT	11959	58	3659	8242
		3. OTHER OBJECT OR ANIMAL	549	0	51	498
	4. OVERTURNING		1287	8	884	395
	5. OTHER NONCOLLISION		448	5	221	222
NOT AT INTER.	COLLISION WITH:	6. OTHER ROAD VEH., OR RR TRAIN	1998	51	1611	336
		7. FIXED OBJECT	35411	307	12605	22499
		8. OTHER OBJECT OR ANIMAL	26919	6	855	26058
	9. OVERTURNING		9166	98	5493	3575
	10. OTHER NONCOLLISION		1710	13	505	1192
	11. NOT STATED		4	0	1	3
	TOTALS		91883	556	27921	63406

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NO VIOLATION	271608	1061	86862	183685
2. SPEED TOO FAST	35769	398	14151	21220
3. SPEED TOO SLOW	207	1	95	111
4. DISREGARD CONTROL/ROW	78456	382	31181	46893
5. WRONG WAY	610	12	282	316
6. LEFT CENTER/IMPROPER PASS/LANE	34209	228	7241	26740
7. IMPROPER TURN/SIGNAL	15666	24	3552	12090
8. IMPROPER BACKING/START	17439	4	1037	16398
9. FOLLOWING/UNABLE TO STOP	107591	226	37374	69991
10. OTHER/NOT KNOWN	11316	99	3585	7632
11.				
12.				
13.				
14.				
TOTALS	572871	2435	185360	385076

CONTRIBUTING CIRCUMSTANCE*	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NONE	256548	922	82106	173520
2. OUIL/DRUGS	13139	481	6311	6347
3. RECKLESS/CARELESS	8648	103	4537	4008
4. INATTENTION/III/ETC.	3445	23	1579	1843
5. VIOLATION LICENSE RESTRICTION	35	0	11	24
6. OBSCURED VISION	5087	27	1611	3449
7. DEFECTIVE EQUIPMENT	4648	17	1590	3041
8. LOST CONTROL/LOAD/WIND	255	1	87	167
9. SKIDDING	15992	63	4653	11276
10. OTHER/NOT KNOWN	265074	798	82875	181401
11.				
12.				
13.				
14.				
TOTALS	572871	2435	185360	385076

* Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	TOTAL	FATAL	INJURY	P.D.
1. HEAD ON	9120	229	3612	5279
2. REAR END	32940	38	8352	24550
3. SIDESWIPE - MEETING	272	4	70	198
4. SIDESWIPE - PASSING	1853	1	276	1576
5. ANGLE	33123	167	14022	18934
6. BACKED INTO	4726	3	280	4443
7. ALL OTHERS	156757	160	42082	114515
8. NOT STATED	72	0	15	57
TOTALS	238863	602	68709	169552

TYPE OF VEHICLE	TOTAL	FATAL	INJURY	P.D.
1. PASSENGER CAR	435521	1433	141032	293056
2. PASSENGER CAR AND TRAILER	1689	8	471	1210
3. TRUCK OR TRUCK TRACTOR	78258	344	20890	57024
4. TRUCK TRACTOR AND SEMI-TRAILER	7127	81	1758	5288
5. OTHER TRUCK COMBINATION	2607	15	606	1986
6. FARM TRACTOR AND/OR FARM EQUIP.	374	10	135	229
7. BUS	1242	2	391	849
8. SCHOOL BUS	1484	8	292	1184
9. MOTORCYCLE/MOTOR SCOOTER	7091	153	5831	1107
10. OTHER/NOT STATED	28975	65	5809	23101
TOTALS	564368	2119	177215	385034

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	40753	671	19196	20886
2. NOT KNOWN IF DRINKING	56386	104	12300	43982
3. HAD NOT BEEN DRINKING	466404	1340	145608	319456
TOTALS	563543	2115	177104	384324

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	39528	704	18604	20220
2. NOT KNOWN IF DRINKING	23088	24	3398	19666
3. HAD NOT BEEN DRINKING	272577	664	78708	193205
TOTALS	335193	1392	100710	233091

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	281	96	184	1
2. NOT KNOWN IF DRINKING	4034	50	3849	135
3. HAD NOT BEEN DRINKING	739	125	606	8
TOTALS	5054	271	4639	144

TS-1 (PART 3)

AGE OF DRIVER	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. 15 AND YOUNGER	1774	13	938	823
2. 16	15746	49	5089	10608
3. 17	20569	73	6794	13702
4. 18 TO 19	44426	184	14594	29648
5. 20 TO 24	95010	384	31406	63220
6. 25 TO 34	132367	556	43070	88741
7. 35 TO 44	80912	301	26396	54215
8. 45 TO 54	47473	173	15138	32162
9. 55 TO 64	39195	150	12800	26245
10. 65 TO 74	21664	107	6854	14703
11. 75 AND OLDER	10252	67	3181	7004
12. NOT STATED *	54155	58	10844	43253
TOTALS	563543	2115	177104	384324
H & R DRIVERS (Not Apprehended)	0	0	0	0

* Includes Hit & Run Drivers

SEX OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. MALE	375050	1638	112787	260625
2. FEMALE	188493	477	64317	123699
TOTALS	563543	2115	177104	384324

RESIDENCE OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. LOCAL RESIDENT	412696	1423	134340	276933
2. RESIDING ELSEWHERE	100421	535	31604	68282
3. NON RESIDENT	9660	71	2956	6633
4. NOT STATED	40766	86	8204	32476
TOTALS	563543	2115	177104	384324
DRIVERLESS MOVING	825	4	111	710

MILEAGE RATES	THIS YEAR TO DATE	LAST YEAR SAME PERIOD	PERCENT CHANGE
1. Motor Vehicle Traffic Deaths			%
2. Estimated Motor Veh. Mileage Traveled (billions)			%
3. Death Rate Per 100-Million-Vehicle-Miles			%
4. Fatal Accident Rate Per 100-Million-Vehicle-Miles			%

MOTOR VEHICLE TRAFFIC ACCIDENTS IN MICHIGAN

PERIOD _____ YEAR - 1984

Compiled by the Michigan State Police

Col. Gerald L. Hough, Director

SUMMARY OF ALL REPORTED ACCIDENTS

SUMMARY INCLUDES INFORMATION AVAILABLE _____

URBAN

TOTAL ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
1. OVERTURNED	1680	12	1179	489	2342	13	1461	868	325	647	489	1680	13	1461
2. OTHER NON-COLLISION	885	4	304	577	1614	4	343	1267	88	150	105	885	4	343
COLLISION WITH: 3. PEDESTRIAN	3448	121	3222	105	8675	121	3423	5131	1076	1230	1117	3448	121	3423
COLLISION WITH: 4. M.V. IN TRANSPORT	147363	190	44956	102217	461146	208	71292	389646	6180	16382	48730	147363	208	71292
COLLISION WITH: 5. M.V. OTHER ROADWAY	58	5	26	27	206	7	61	138	19	14	28	58	7	61
COLLISION WITH: 6. PARKED M.V.	23156	7	2216	20933	30333	7	2733	27593	316	1095	1322	23156	7	2733
COLLISION WITH: 7. RAILROAD TRAIN	119	5	46	68	181	5	66	110	16	22	28	119	5	66
COLLISION WITH: 8. PEDALCYCLIST	3081	15	2605	461	7582	16	2721	4845	438	1327	956	3081	16	2721
COLLISION WITH: 9. ANIMAL	759	0	54	705	1211	0	62	1149	4	30	28	759	0	62
COLLISION WITH: 10. FIXED OBJECT	17812	99	5984	11729	26213	105	7642	18466	1390	3218	3034	17812	105	7642
COLLISION WITH: 11. OTHER OBJECT	485	0	84	401	767	0	108	659	13	44	51	485	0	108
TOTALS	198846	458	60676	137712	540270	486	89912	449872	9865	24159	55888	198846	486	89912

ON ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
1. OVERTURNED	784	8	608	168	1031	9	707	315	156	353	198	784	9	707
2. OTHER NON-COLLISION	809	3	283	523	1503	3	316	1184	83	138	95	809	3	316
COLLISION WITH: 3. PEDESTRIAN	3342	116	3122	104	8414	116	3299	4999	1036	1183	1080	3342	116	3299
COLLISION WITH: 4. M.V. IN TRANSPORT	147256	190	44927	102139	460817	208	71246	389363	6178	16368	48700	147256	208	71246
COLLISION WITH: 5. M.V. OTHER ROADWAY	58	5	26	27	206	7	61	138	19	14	28	58	7	61
COLLISION WITH: 6. PARKED M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH: 7. RAILROAD TRAIN	116	4	45	67	178	4	65	109	16	22	27	116	4	65
COLLISION WITH: 8. PEDALCYCLIST	2999	15	2535	449	7384	16	2650	4718	427	1295	928	2999	16	2650
COLLISION WITH: 9. ANIMAL	754	0	53	701	1204	0	61	1143	4	29	28	754	0	61
COLLISION WITH: 10. FIXED OBJECT	1016	11	197	808	1513	14	238	1261	48	87	103	1016	14	238
COLLISION WITH: 11. OTHER OBJECT	451	0	74	377	708	0	92	616	12	37	43	451	0	92
TOTALS	157585	352	51870	105363	482958	377	78735	403846	7979	19526	51230	157585	377	78735

OFF ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
COLLISION WITH:	1. OVERTURNED	896	4	571	321	1311	4	754	553	169	294	291	896	4	754
	2. OTHER NON COLLISION	76	1	21	54	111	1	27	83	5	12	10	76	1	27
	3. PEDESTRIAN	106	5	100	1	261	5	124	132	40	47	37	106	5	124
	4. M.V. IN TRANSPORT	107	0	29	78	329	0	46	283	2	14	30	107	0	46
	5. M.V. OTHER ROADWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6. PARKED M.V.	23156	7	2216	20933	30333	7	2733	27593	316	1095	1322	23156	7	2733
	7. RAILROAD TRAIN	3	1	1	1	3	1	1	1	0	0	1	3	1	1
	8. PEDALCYCLIST	82	0	70	12	198	0	71	127	11	32	28	82	0	71
	9. ANIMAL	5	0	1	4	7	0	1	6	0	1	0	5	0	1
	10. FIXED OBJECT	16796	88	5787	10921	24700	91	7404	17205	1342	3131	2931	16796	91	7404
	11. OTHER OBJECT	34	0	10	24	59	0	16	43	1	7	8	34	0	16
	TOTALS	42161	106	8806	32349	57312	109	11177	46026	1886	4633	4658	41261	109	11177

ROAD SURFACE	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DRY	126810	334	39908	86568
WET	47914	90	15600	32124
SNOWY/ICY	22888	32	4837	18019
OTHER	1334	2	331	1001
TOTAL	198846	458	60676	137712

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DAYLIGHT	131892	190	38258	92444
DAWN/DUSK	7493	7	2178	5308
DARKNESS/LIGHTS	35736	188	12057	23491
DARKNESS/NO LIGHTS	22769	71	7022	15676
NOT STATED	956	2	161	793
TOTAL	198846	458	60676	137712

AGE	NUMBER OF PERSONS KILLED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	9	6	3	0	3	5	1	0	0	0
5 - 9	11	7	4	0	1	8	2	0	0	0
10 -14	16	8	8	0	2	8	6	0	0	0
15 -19	51	39	12	17	14	8	3	9	0	0
20 -24	59	47	12	29	12	6	1	11	0	0
25 -34	114	87	27	51	12	24	2	25	0	0
35 -44	44	32	12	15	8	12	1	8	0	0
45 -54	45	29	16	21	9	13	0	2	0	0
55 -64	45	31	14	25	2	17	0	1	0	0
65 -74	44	30	14	24	6	14	0	0	0	0
75 & Over	47	21	26	18	13	15	0	1	0	0
Not Stated	1	1	0	0	0	1	0	0	0	0
TOTAL	486	338	148	200	82	131	16	57	0	0

AGE	NUMBER OF PERSONS INJURED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	1852	988	864	0	1574	222	40	5	0	11
5 - 9	2992	1600	1392	2	1930	650	384	15	0	11
10 -14	3703	1854	1849	31	2182	474	878	125	0	13
15 -19	13452	6833	6619	6574	4984	443	638	765	0	48
20 -24	14938	7778	7160	9572	3807	321	282	836	0	120
25 -34	20536	10453	10083	14337	4347	538	262	895	1	156
35 -44	12141	5836	6305	8868	2419	315	82	362	0	95
45 -54	7171	3200	3971	5213	1588	174	31	118	0	47
55 -64	6207	2809	3398	4343	1559	186	30	41	2	46
65 -74	3476	1472	2004	2263	1065	110	23	7	0	8
75 & Over	1780	728	1052	992	672	99	8	3	0	6
Not Stated	1664	876	788	889	573	85	24	50	0	43
TOTAL	89912	44427	45485	53084	26700	3617	2682	3222	3	604

CODE OF INJURY

A — INCAPACITATING INJURY
Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B — NON-INCAPACITATING INJURY
Any injury not incapacitating but evident to others at the scene.

C — POSSIBLE INJURY
No visible inju.y but complaint of pain or momentary inconsciousness.

URBAN

MUNICIPALITIES	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. TOWNSHIPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. UNDER 1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. 1,000 - 2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. 2,500 - 5,000	25927	19	12	7	3485	2933	552	476	1093	1916	22423	12	2933	7	552
5. 5,000 - 10,000	30854	28	22	6	4159	3458	701	591	1397	2171	26667	22	3458	6	701
6. 10,000 - 25,000	64378	57	39	18	9645	8333	1312	1181	2841	5623	54676	39	8333	18	1312
7. 25,000 - 50,000	94060	74	57	17	14880	13033	1847	1813	4150	8917	79106	57	13033	17	1847
8. 50,000 - 100,000	108260	95	78	17	18559	16569	1990	1890	5228	11441	89606	78	16569	17	1990
9. 100,000 - 250,000	93920	85	72	13	14862	13111	1751	1468	4323	9071	78973	72	13111	13	1751
10. 250,000 OR MORE	122871	128	7	31	24322	21298	3024	2446	5127	16749	98421	97	12198	31	3024
TOTALS	540270	486	377	109	89912	78735	11177	9865	24159	55888	449872	377	78735	109	11177

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. TOWNSHIPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. UNDER 1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. 1,000 - 2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. 2,500 - 5,000	9580	17	2416	7147	7329	10	1974	5345	2251	7	442	1802	9580	17	2416	7147
5. 5,000 - 10,000	11391	26	2881	8484	8561	20	2349	6192	2830	6	532	2292	11391	26	2881	8484
6. 10,000 - 25,000	24161	55	6663	17443	18752	37	5628	13087	5409	18	1035	4356	24161	55	6663	17443
7. 25,000 - 50,000	34770	70	10160	24540	27634	53	8680	18901	7136	17	1480	5639	34770	70	10160	24540
8. 50,000 - 100,000	38718	91	12499	26128	31537	74	10866	20597	7181	17	1633	5531	38718	91	12499	26128
9. 100,000 - 250,000	34485	77	10236	24172	27669	64	8830	18775	6816	13	1406	5397	34485	77	10236	24172
10. 250,000 OR MORE	45741	122	15821	29798	36103	94	13543	22466	9638	28	2278	7332	45741	122	15821	29798
TOTALS	198846	458	60676	137712	157585	352	51870	105363	41261	106	8806	32349	198846	458	60676	137712

CLASS OF TRAFFICWAY	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. INTERSTATE SYSTEM	30197	52	37	15	5888	4419	1469	692	15819	3677	24257	37	4419	15	1469
2. OTHER FULL CONTROL	7383	12	9	3	1607	1253	354	221	380	1006	5764	9	1253	3	354
3. OTHER U.S. ROUTE	35036	32	29	3	5813	5253	560	648	1337	3828	29191	29	5253	3	560
4. OTHER STATE M ROUTES	99242	89	73	16	15920	14836	1084	1652	4024	10244	83233	73	14836	16	1084
5. OTHER MAJOR ART'L.	23438	21	17	4	3506	3222	284	372	953	2181	19911	17	3222	4	284
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS--N.K.	344974	280	212	68	57178	49752	7426	6280	15946	34952	287516	212	49752	68	7426
TOTALS	540270	486	377	109	89912	78735	11177	9865	24159	55888	449872	377	78735	109	11177

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. INTERSTATE SYSTEM	11348	42	4006	7300	8707	28	2852	5827	2641	14	1154	1473	11348	42	4006	7300
2. OTHER FULL CONTROL	2648	12	1014	1622	2058	9	757	1292	590	3	257	330	2648	12	1014	1622
3. OTHER U.S. ROUTE	11740	29	3771	7940	10382	26	3340	7016	1358	3	431	924	11740	29	3771	7940
4. OTHER STATE M ROUTES	33221	86	10565	22570	30111	71	9704	20336	3110	15	861	2234	33221	86	10565	22570
5. OTHER MAJOR ART'L.	7975	21	2394	5560	7064	17	2176	4871	911	4	218	689	7975	21	2394	5560
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS – N.K.	131914	268	38926	92720	99263	201	33041	66021	32651	67	5885	26699	131914	268	38926	92720
TOTALS	198846	458	60676	137712	157585	352	51870	105363	41261	106	8806	32349	198846	458	60676	137712

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.
1. CAR GOING STRAIGHT	2796	1387	1409	113	42	71	2603	1308	1295	80	37	43
2. CAR TURNING STRAIGHT	198	181	17	0	0	0	187	171	16	11	10	1
3. CAR TURNING LEFT	234	198	36	3	2	1	222	187	35	9	9	0
4. CAR BACKING	126	29	97	1	0	1	123	29	94	2	0	2
5. ALL OTHERS	66	24	42	3	1	2	61	21	40	2	2	0
6. NOT STATED	28	7	21	1	0	1	26	7	19	1	0	1
TOTALS	3448	1826	1622	121	45	76	3222	1723	1499	105	58	47

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		TOTAL	0 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 44	45 TO 64	65 & OLDER	NOT STATED
1a. CROSSING AT INTERSECTION OR IN CROSSWALK	39	1458	52	268	207	178	131	297	180	120	25
1b. CROSSING NOT AT INTERSECTION OR IN CROSSWALK	56	1195	142	324	171	103	66	216	79	66	28
2a. WALKING IN ROADWAY – WITH TRAFFIC	2	99	1	2	14	27	13	33	4	3	2
2b. WALKING IN ROADWAY – AGAINST TRAFFIC	2	39	0	0	8	7	3	15	5	1	0
3. STANDING IN ROADWAY	11	169	0	6	11	19	23	70	24	11	5
4. PUSHING OR WORKING ON VEHICLE IN ROADWAY	2	83	0	3	0	8	22	36	7	3	4
5. OTHER WORKING IN ROADWAY	0	27	1	0	1	2	2	15	5	0	1
6. PLAYING IN ROADWAY	0	43	7	19	11	2	2	1	1	0	0
7. OTHER IN ROADWAY	4	207	10	8	23	39	27	72	20	4	4
8. NOT IN ROADWAY	12	372	9	23	34	60	35	113	56	26	16
9. NOT STATED	3	56	5	5	2	6	3	21	9	4	1
TOTALS	131	3748	227	658	482	451	327	889	390	238	86

TS-1 (PART 2)

URBAN

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTERSECTION	1. ENTERING AT ANGLE	36442	67	12937	23438
	2a. FROM SAME DIRECTION (both going straight)	8961	4	1882	7075
	2b. SAME – ONE TURN, ONE STRAIGHT	8014	6	1376	6632
	2c. SAME–ONE STOPPED	19519	4	7070	12445
	2d. SAME–ALL OTHERS	1745	0	145	1600
	3a. FROM OPP. DIRECTION (both going straight)	1419	5	567	847
	3b. SAME–ONE LEFT TURN, ONE STRAIGHT	11252	20	4663	6569
	3c. SAME–ALL OTHERS	332	0	89	243
	4. NOT STATED	5462	1	548	4913
	TOTALS	93146	107	29277	63762

	TWO MOTOR VEHICLE ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
NOT AT INTERSECTION	1. GOING OPP. DIRECTION (both going straight)	3071	45	1155	1871
	2. GOING SAME DIRECTION (both moving)	18106	18	4532	13556
	3a. ONE CAR PARKED	17694	6	1668	16020
	3b. ONE CAR STOPPED IN TRAFFIC	14146	5	5277	8864
	4a. ONE CAR ENTERING PARKED POS.	149	0	19	130
	4b. ONE CAR LEAVING PARKED POS.	1669	1	146	1522
	5a. ONE CAR ENTER. DRIVEWAY ACCESS	8782	15	2460	6307
	5b. ONE CAR LEAVING DRIVEWAY ACCESS	12551	4	2440	10107
	6. ALL OTHERS/NOT STATED	1263	1	224	1038
	TOTALS	77431	95	17921	59415

		ALL OTHER ACCIDENTS	TOTAL	FATAL	INJURY	P.D.
AT INTER.	COLLISION WITH	1. OTHER ROAD VEH., OR RR TRAIN	1977	6	1644	327
		2. FIXED OBJECT	6645	26	1946	4673
		3. OTHER OBJECT OR ANIMAL	173	0	27	146
	4. OVERTURNING		452	3	345	104
	5. OTHER NONCOLLISION		237	2	137	98
NOT AT INTER.	COLLISION WITH	6. OTHER ROAD VEH., OR RR TRAIN	1223	14	1007	202
		7. FIXED OBJECT	11167	73	4038	7056
		8. OTHER OBJECT OR ANIMAL	1071	0	111	960
	9. OVERTURNING		1228	9	834	385
	10. OTHER NONCOLLISION		645	2	167	476
	11. NOT STATED		3	0	0	3
	TOTALS		24821	135	10256	14430

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NO VIOLATION	169592	411	58922	110259
2. SPEED TOO FAST	15552	109	5707	9736
3. SPEED TOO SLOW	102	0	38	64
4. DISREGARD CONTROL/ROW	56951	176	22317	34458
5. WRONG WAY	493	5	226	262
6. LEFT CENTER/IMPROPER PASS/LANE	23924	57	4374	19493
7. IMPROPER TURN/SIGNAL	11470	13	2447	9010
8. IMPROPER BACKING/START	13400	2	779	12619
9. FOLLOWING/UNABLE TO STOP	67850	71	22714	45065
10. OTHER/NOT KNOWN	6815	43	2073	4699
11.				
12.				
13.				
14.				
TOTALS	366149	887	119597	245665

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NONE	160354	364	55969	104021
2. OUIL/DRUGS	6771	149	3129	3493
3. RECKLESS/CARELESS	4125	53	2112	1960
4. INATTENTION/III/ETC.	1781	6	833	942
5. VIOLATION LICENSE RESTRICTION	19	0	5	14
6. OBSCURED VISION	3099	5	976	2118
7. DEFECTIVE EQUIPMENT	2408	4	848	1556
8. LOST CONTROL/LOAD/WIND	66	0	24	42
9. SKIDDING	8324	19	2296	6009
10. OTHER/NOT KNOWN	179202	287	53405	125510
11.				
12.				
13.				
14.				
TOTALS	366149	887	119597	245665

* Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	TOTAL	FATAL	INJURY	P.D.
1. HEAD ON	3987	45	1588	2354
2. REAR END	23125	19	5702	17404
3. SIDESWIPE - MEETING	120	2	19	99
4. SIDESWIPE - PASSING	1595	0	232	1363
5. ANGLE	25333	59	10423	14851
6. BACKED INTO	3247	1	195	3051
7. ALL OTHERS	113119	76	29029	84014
8. NOT STATED	51	0	10	41
TOTALS	170577	202	47198	123177

TYPE OF VEHICLE	TOTAL	FATAL	INJURY	P.D.
1. PASSENGER CAR	283042	519	93040	189483
2. PASSENGER CAR AND TRAILER	779	1	235	543
3. TRUCK OR TRUCK TRACTOR	42726	95	11137	31494
4. TRUCK TRACTOR AND SEMI-TRAILER	3858	25	846	2987
5. OTHER TRUCK COMBINATION	1174	3	251	920
6. FARM TRACTOR AND/OR FARM EQUIP.	32	0	13	19
7. BUS	1110	2	362	746
8. SCHOOL BUS	883	3	153	727
9. MOTORCYCLE/MOTOR SCOOTER	3739	58	2993	688
10. OTHER/NOT STATED	22360	26	4359	17975
TOTALS	359703	732	113389	245582

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	21205	208	9620	11377
2. NOT KNOWN IF DRINKING	46461	60	10275	36126
3. HAD NOT BEEN DRINKING	291468	464	93421	197583
TOTALS	359134	732	113316	245086

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	20508	227	9322	10959
2. NOT KNOWN IF DRINKING	18888	11	2816	16061
3. HAD NOT BEEN DRINKING	159450	220	48538	110692
TOTALS	198846	458	60676	137712

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	191	45	146	0
2. NOT KNOWN IF DRINKING	3081	26	2949	106
3. HAD NOT BEEN DRINKING	614	69	538	7
TOTALS	3886	140	3633	113

AGE OF DRIVER	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. 15 AND YOUNGER	896	2	425	469
2. 16	8172	10	2498	5664
3. 17	11318	18	3591	7709
4. 18 TO 19	25875	47	8339	17489
5. 20 TO 24	58494	132	19352	39010
6. 25 TO 34	83822	207	27955	55660
7. 35 TO 44	49798	92	17061	32645
8. 45 TO 54	29919	60	9963	19896
9. 55 TO 64	25972	59	8680	17233
10. 65 TO 74	14407	36	4561	9810
11. 75 AND OLDER	6810	30	2031	4749
12. NOT STATED *	43651	39	8860	34752
TOTALS	359134	732	113316	245086
H & R DRIVERS (Not Apprehended)	0	0	0	0

* Includes Hit & Run Drivers

SEX OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. MALE	237210	567	71318	165325
2. FEMALE	121924	165	41998	79761
TOTALS	359134	732	113316	245086

RESIDENCE OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. LOCAL RESIDENT	269649	547	88364	180738
2. RESIDING ELSEWHERE	53352	132	17337	35883
3. NON-RESIDENT	4611	9	1315	3287
4. NOT STATED	31522	44	6300	25178
TOTALS	359134	732	113316	245086
DRIVERLESS MOVING	569	0	73	496

MILEAGE RATES	THIS YEAR TO DATE	LAST YEAR SAME PERIOD	PERCENT CHANGE
1. Motor Vehicle Traffic Deaths			%
2. Estimated Motor Veh. Mileage Traveled (billions)			%
3. Death Rate Per 100-Million-Vehicle-Miles			%
4. Fatal Accident Rate Per 100-Million-Vehicle-Miles			%

MOTOR VEHICLE TRAFFIC ACCIDENTS IN MICHIGAN

PERIOD _____ YEAR - 1984

Compiled by the Michigan State Police

Col. Gerald L. Hough, Director

SUMMARY OF ALL REPORTED ACCIDENTS

SUMMARY INCLUDES INFORMATION AVAILABLE _____

RURAL

TOTAL ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	8773	94	5198	3481	13621	98	7070	6453	1611	2827	2632	8773	98	7070
	2. OTHER NON-COLLISION	1277	14	423	840	2305	14	481	1810	155	203	123	1277	14	481
COLLISION WITH:	3. PEDESTRIAN	999	113	858	28	2627	117	931	1579	409	331	191	999	117	931
COLLISION WITH:	4. M.V. IN TRANSPORT	63588	383	20957	42248	208838	471	36323	172044	5854	10555	19914	63588	471	36323
COLLISION WITH:	5. M.V. - OTHER ROADWAY	49	7	21	21	190	11	56	123	15	18	23	49	11	56
COLLISION WITH:	6. PARKED M.V.	4649	10	533	4106	6523	10	692	5821	126	262	304	4649	10	692
COLLISION WITH:	7. RAILROAD TRAIN	134	11	58	65	201	17	83	101	30	31	22	134	17	83
COLLISION WITH:	8. PEDALCYCLIST	1096	30	938	128	3797	31	1024	1742	250	487	287	1096	31	1024
COLLISION WITH:	9. ANIMAL	25469	4	682	24783	41995	4	782	41209	93	306	383	25469	4	782
COLLISION WITH:	10. FIXED OBJECT	29558	266	10280	19012	44753	295	13271	31187	2825	5486	4960	29558	295	13271
COLLISION WITH:	11. OTHER OBJECT	755	2	86	667	1285	2	115	1168	19	52	44	755	2	115
	TOTALS	136347	934	40034	95379	325135	1070	60828	263237	11387	20558	28883	136347	1070	60828

ON ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
	1. OVERTURNED	1148	16	803	329	1709	16	1022	671	282	474	266	1148	16	1022
	2. OTHER NON-COLLISION	995	11	346	638	1901	11	385	1505	132	164	89	995	11	385
COLLISION WITH:	3. PEDESTRIAN	914	103	786	25	2416	106	847	1463	373	305	169	914	106	847
COLLISION WITH:	4. M.V. IN TRANSPORT	63472	376	20924	42172	207438	463	36244	171731	5836	10525	19883	63472	463	36244
COLLISION WITH:	5. M.V. - OTHER ROADWAY	49	7	21	21	190	11	56	123	15	18	23	49	11	56
COLLISION WITH:	6. PARKED M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH:	7. RAILROAD TRAIN	133	11	58	64	200	17	83	100	30	31	22	133	17	83
COLLISION WITH:	8. PEDALCYCLIST	1073	27	921	125	2743	28	1004	1711	248	473	283	1073	28	1004
COLLISION WITH:	9. ANIMAL	25415	4	677	24734	41911	4	775	41132	92	304	379	25415	4	775
COLLISION WITH:	10. FIXED OBJECT	524	5	82	437	813	5	108	700	23	34	51	524	5	108
COLLISION WITH:	11. OTHER OBJECT	703	1	72	630	1191	1	89	1101	11	40	38	703	1	89
	TOTALS	94426	561	24690	69175	261512	662	40613	220237	7042	12368	21203	94426	662	40613

OFF ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	TOTAL	FATAL	INJURY	P.D.	TOTAL OCCUP.	KILLED	INJURED	NOT INJURED	INJURED A	INJURED B	INJURED C	ACCIDENTS	KILLED	INJURED
1. OVERTURNED	7625	78	4395	3152	11917	82	6048	5782	1329	2353	2366	7625	82	6048
2. OTHER NON-COLLISION	282	3	77	202	404	3	96	305	23	39	34	282	3	96
COLLISION WITH: 3. PEDESTRIAN	85	10	72	3	211	11	84	116	36	26	22	85	11	84
COLLISION WITH: 4. M.V. IN TRANSPORT	116	7	33	76	400	8	79	313	18	30	31	116	8	79
COLLISION WITH: 5. M.V. OTHER ROADWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION WITH: 6. PARKED M.V.	4649	10	533	4106	6523	10	692	5821	126	262	304	4649	10	692
COLLISION WITH: 7. RAILROAD TRAIN	1	0	0	1	1	0	0	1	0	0	0	1	0	0
COLLISION WITH: 8. PEDALCYCLIST	23	3	17	3	54	3	20	31	2	14	4	23	3	20
COLLISION WITH: 9. ANIMAL	54	0	5	49	84	0	7	77	1	2	4	54	0	7
COLLISION WITH: 10. FIXED OBJECT	29034	261	10198	18575	43940	290	13163	30487	2802	5452	4909	29034	290	13163
COLLISION WITH: 11. OTHER OBJECT	52	1	14	37	94	1	26	67	8	12	6	52	1	26
TOTALS	41921	373	15344	26204	63623	408	20215	43000	4345	8190	7680	41921	408	20215

ROAD SURFACE	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DRY	85713	656	25496	59561
WET	25199	157	7697	17345
SNOWY/ICY	23918	107	6349	17462
OTHER	1517	14	492	1011
TOTAL	136347	934	40034	95379

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
DAYLIGHT	71678	416	22910	48352
DAWN/DUSK	8486	38	2055	6393
DARKNESS/LIGHTS	5640	56	1929	3655
DARKNESS/NO LIGHTS	50162	420	13062	36680
NOT STATED	381	4	78	299
TOTAL	136347	934	40034	95379

AGE	NUMBER OF PERSONS KILLED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	20	12	8	0	18	2	0	0	0	0
5 - 9	26	15	11	0	10	10	4	0	1	1
10 - 14	38	25	13	1	15	4	13	5	0	0
15 - 19	198	141	57	87	69	21	1	20	0	0
20 - 24	183	149	34	109	37	7	3	24	0	3
25 - 34	216	166	50	123	31	26	5	25	1	5
35 - 44	124	87	37	71	20	15	2	15	0	1
45 - 54	68	45	23	43	11	8	0	3	1	2
55 - 64	76	40	36	47	16	10	0	1	2	0
65 - 74	66	37	29	40	18	6	0	0	1	1
75 & Over	54	31	23	27	13	10	3	0	0	1
Not Stated	1	1	0	0	1	0	0	0	0	0
TOTAL	1070	749	321	548	259	119	31	93	6	14

AGE	NUMBER OF PERSONS INJURED									
	TOTAL	MALE	FEMALE	DRIVER	PASS.	PED.	PEDAL/ CYCLE	M/CYCLE	FARM	OTHER
0 - 4	1196	615	581	0	1138	37	15	4	0	2
5 - 9	1536	774	762	4	1214	135	151	21	1	10
10 - 14	2635	1404	1231	91	1789	165	388	175	9	18
15 - 19	13338	7431	5907	7213	4937	203	236	685	10	54
20 - 24	10890	6664	4226	7120	2662	120	59	841	6	82
25 - 34	12469	7210	5259	8802	2482	129	66	888	7	95
35 - 44	7340	3706	3634	5390	1423	75	22	370	7	53
45 - 54	4153	2001	2152	2929	998	38	16	131	9	32
55 - 64	3335	1543	1792	2226	979	38	11	56	5	20
65 - 74	2049	887	1162	1296	699	26	5	10	3	10
75 & Over	1089	505	584	652	395	31	0	5	2	4
Not Stated	798	437	361	455	284	11	6	32	0	10
TOTAL	60828	33177	27651	36178	19000	1008	975	3218	59	390

CODE OF INJURY

A — INCAPACITATING INJURY
Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B — NON-INCAPACITATING INJURY
Any injury not incapacitating but evident to others at the scene.

C — POSSIBLE INJURY
No visible injury but complaint of pain or momentary inconsciousness.

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. INTERSTATE SYSTEM	7789	50	2239	5500	4769	25	1096	3648	3020	25	1143	1852	7789	50	2239	5500
2. OTHER FULL CONTROL	1355	18	348	989	761	12	143	606	594	6	205	383	1355	18	348	989
3. OTHER U.S. ROUTE	13238	103	3705	9430	10373	71	2708	7594	2865	32	997	1836	13238	103	3705	9430
4. OTHER STATE M ROUTES	29699	205	8443	21051	24201	158	6494	17549	5498	47	1949	3502	29699	205	8443	21051
5. OTHER MAJOR ART'L.	1784	9	575	1200	1545	8	500	1037	239	1	75	163	1784	9	575	1200
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS – N.K.	82482	549	24724	57209	52777	287	13749	38741	29705	262	10975	18468	82482	549	24724	57209
TOTALS	136347	934	40034	95379	94426	561	24690	69175	41921	373	15344	26204	136347	934	40034	95379

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.	TOTAL	AT INTER.	NOT AT INTER.
1. CAR GOING STRAIGHT	859	163	696	104	8	96	732	152	580	23	3	20
2. CAR TURNING STRAIGHT	20	17	3	0	0	0	19	16	3	1	1	0
3. CAR TURNING LEFT	37	26	11	2	1	1	35	25	10	0	0	0
4. CAR BACKING	49	7	42	4	0	4	43	7	36	2	0	2
5. ALL OTHERS	22	3	19	0	0	0	20	3	17	2	0	2
6. NOT STATED	12	3	9	3	0	3	9	3	6	0	0	0
TOTALS	999	219	780	113	9	104	858	206	652	28	4	24

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		TOTAL	0 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 TO 44	45 TO 64	65 & OLDER	NOT STATED
1a. CROSSING AT INTERSECTION OR IN CROSSWALK	8	173	7	30	33	33	10	28	9	21	2
1b. CROSSING NOT AT INTERSECTION OR IN CROSSWALK	32	329	23	96	68	34	25	44	17	20	2
2a. WALKING IN ROADWAY – WITH TRAFFIC	21	142	1	2	9	40	25	42	15	7	1
2b. WALKING IN ROADWAY – AGAINST TRAFFIC	4	24	0	0	5	9	3	3	4	0	0
3. STANDING IN ROADWAY	28	77	0	2	4	15	15	25	10	6	0
4. PUSHING OR WORKING ON VEHICLE IN ROADWAY	1	33	0	0	0	7	11	14	1	0	0
5. OTHER WORKING IN ROADWAY	0	11	0	0	0	0	2	8	1	0	0
6. PLAYING IN ROADWAY	0	13	3	3	6	1	0	0	0	0	0
7. OTHER IN ROADWAY	6	122	2	6	15	28	11	36	15	6	3
8. NOT IN ROADWAY	12	159	3	5	21	42	22	32	22	10	2
9. NOT STATED	7	44	0	1	8	15	3	13	0	3	1
TOTALS	119	1127	39	145	169	224	127	245	94	73	11

TS-1 (PART 2)

RURAL

TWO MOTOR VEHICLE ACCIDENTS		TOTAL	FATAL	INJURY	P.D.
AT INTERSECTION	1. ENTERING AT ANGLE	13123	118	4987	8018
	2a. FROM SAME DIRECTION (both going straight)	2269	2	513	1754
	2b. SAME – ONE TURN, ONE STRAIGHT	2989	2	780	2207
	2c. SAME–ONE STOPPED	5772	1	1965	3806
	2d. SAME–ALL OTHERS	608	02	38	570
	3a. FROM OPP. DIRECTION (both going straight)	737	10	288	439
	3b. SAME–ONE LEFT TURN, ONE STRAIGHT	3477	16	1572	1889
	3c. SAME–ALL OTHERS	130	0	32	98
	4. NOT STATED	707	0	48	659
	TOTALS	29812	149	10223	19440

TWO MOTOR VEHICLE ACCIDENTS		TOTAL	FATAL	INJURY	P.D.
NOT AT INTERSECTION	1. GOING OPP. DIRECTION (both going straight)	4731	178	1865	2688
	2. GOING SAME DIRECTION (both moving)	8892	22	2439	6431
	3a. ONE CAR PARKED	3942	10	485	3447
	3b. ONE CAR STOPPED IN TRAFFIC	6010	14	2290	3706
	4a. ONE CAR ENTERING PARKED POS.	41	0	11	30
	4b. ONE CAR LEAVING PARKED POS.	280	0	36	244
	5a. ONE CAR ENTER. DRIVEWAY ACCESS	6984	12	2359	4613
	5b. ONE CAR LEAVING DRIVEWAY ACCESS	6890	13	1653	5224
	6. ALL OTHERS/NOT STATED	704	2	150	552
	TOTALS	38474	251	11288	26935

ALL OTHER ACCIDENTS			TOTAL	FATAL	INJURY	P.D.
AT INTER.	COLLISION WITH:	1. OTHER ROAD VEH., OR RR TRAIN	455	4	392	59
		2. FIXED OBJECT	5314	32	1713	3569
		3. OTHER OBJECT OR ANIMAL	376	0	24	352
	4. OVERTURNING		835	5	539	291
	5. OTHER NONCOLLISION		211	3	84	124
NOT AT INTER.	COLLISION WITH:	6. OTHER ROAD VEH., OR RR TRAIN	775	37	604	134
		7. FIXED OBJECT	24244	234	8567	15443
		8. OTHER OBJECT OR ANIMAL	25848	6	744	25098
	9. OVERTURNING		7938	89	4659	3190
	10. OTHER NONCOLLISION		1065	11	338	716
	11. NOT STATED		1	0	1	0
	TOTALS		67062	421	17665	48976

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NO VIOLATION	102016	650	27940	73426
2. SPEED TOO FAST	20217	289	8444	11484
3. SPEED TOO SLOW	105	1	57	47
4. DISREGARD CONTROL/ROW	21505	206	8864	12435
5. WRONG WAY	117	7	56	54
6. LEFT CENTER/IMPROPER PASS/LANE	10285	171	2867	7247
7. IMPROPER TURN/SIGNAL	4196	11	1105	3080
8. IMPROPER BACKING/START	4039	2	258	3779
9. FOLLOWING/UNABLE TO STOP	39741	155	14660	24926
10. OTHER/NOT KNOWN	4501	56	1512	2933
11.				
12.				
13.				
14.				
TOTALS	206722	1548	65763	139411

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	FATAL	INJURY	P.D.
1. NONE	96194	558	26137	69499
2. OUIL/DRUGS	6368	332	3182	2854
3. RECKLESS/CARELESS	4523	50	2425	2048
4. INATTENTION/III/ETC.	1664	17	746	901
5. VIOLATION LICENSE RESTRICTION	16	0	6	10
6. OBSCURED VISION	1988	22	635	1331
7. DEFECTIVE EQUIPMENT	2240	13	742	1485
8. LOST CONTROL/LOAD/WIND	189	1	63	125
9. SKIDDING	7668	44	2357	5267
10. OTHER/NOT KNOWN	85872	511	29470	55891
11.				
12.				
13.				
14.				
TOTALS	206722	1548	65763	139411

* Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	TOTAL	FATAL	INJURY	P.D.
1. HEAD ON	5133	184	2024	2925
2. REAR END	9815	19	2650	7146
3. SIDESWIPE - MEETING	152	2	51	99
4. SIDESWIPE - PASSING	258	1	44	213
5. ANGLE	7790	108	3599	4083
6. BACKED INTO	1479	2	85	1392
7. ALL OTHERS	43638	84	13053	30501
8. NOT STATED	21	0	5	16
TOTALS	68286	400	21511	46375

TYPE OF VEHICLE	TOTAL	FATAL	INJURY	P.D.
1. PASSENGER CAR	152479	914	47992	103573
2. PASSENGER CAR AND TRAILER	910	7	236	667
3. TRUCK OR TRUCK TRACTOR	35532	249	9753	25530
4. TRUCK TRACTOR AND SEMI-TRAILER	3269	56	912	2301
5. OTHER TRUCK COMBINATION	1433	12	355	1066
6. FARM TRACTOR AND/OR FARM EQUIP.	342	10	122	210
7. BUS	132	0	29	103
8. SCHOOL BUS	601	5	139	457
9. MOTORCYCLE/MOTOR SCOOTER	3352	95	2838	419
10. OTHER/NOT STATED	6615	39	1450	5126
TOTALS	204665	1387	63826	139452

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	19548	463	9576	9509
2. NOT KNOWN IF DRINKING	9925	44	2025	7856
3. HAD NOT BEEN DRINKING	174936	876	52187	121873
TOTALS	204409	1383	63788	139238

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	19020	477	9282	9261
2. NOT KNOWN IF DRINKING	4200	13	582	3605
3. HAD NOT BEEN DRINKING	113127	444	30170	82513
TOTALS	136347	934	40034	95379

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	TOTAL	FATAL	INJURY	P.D.
1. HAD BEEN DRINKING	90	51	38	1
2. NOT KNOWN IF DRINKING	953	24	900	29
3. HAD NOT BEEN DRINKING	125	56	68	1
TOTALS	1168	131	1006	31

TS-1 (PART 3)

AGE OF DRIVER	NUMBER OF DRIVERS			
	TOTAL	FATAL	INJURY	P.D.
1. 15 AND YOUNGER	878	11	513	354
2. 16	7574	39	2591	4944
3. 17	9251	55	3203	5993
4. 18 TO 19	18551	137	6255	12159
5. 20 TO 24	36516	252	12054	24210
6. 25 TO 34	48545	349	15115	33081
7. 35 TO 44	31114	209	9335	21570
8. 45 TO 54	17554	113	5175	12266
9. 55 TO 64	13223	91	4120	9012
10. 65 TO 74	7257	71	2293	4893
11. 75 AND OLDER	3442	37	1150	2255
12. NOT STATED *	10504	19	1984	8501
TOTALS	204409	1383	63788	139238
H & R DRIVERS (Not Apprehended)	0	0	0	0

* Includes Hit & Run Drivers

SEX OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. MALE	137840	1071	41469	95300
2. FEMALE	66569	312	22319	43938
TOTALS	204409	1383	63788	139238

RESIDENCE OF DRIVER	TOTAL	FATAL	INJURY	P.D.
1. LOCAL RESIDENT	143047	876	45976	96195
2. RESIDING ELSEWHERE	47069	403	14267	32399
3. NON-RESIDENT	5049	62	1641	3346
4. NOT STATED	9244	42	1904	7298
TOTALS	204409	1383	63788	139238
DRIVERLESS MOVING	256	4	38	214

MILEAGE RATES	THIS YEAR TO DATE	LAST YEAR SAME PERIOD	PERCENT CHANGE
1. Motor Vehicle Traffic Deaths			%
2. Estimated Motor Veh. Mileage Traveled (billions)			%
3. Death Rate Per 100-Million-Vehicle-Miles			%
4. Fatal Accident Rate Per 100-Million-Vehicle-Miles			%

TRAFFIC ACCIDENT SUMMARY FOR CITIES

1984

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Adrian	906	2	229	675	2	321
Albion	202	0	55	147	0	78
Algonac	81	1	27	53	1	43
Allegan	213	1	45	167	1	52
Allen Park	1,339	1	357	981	1	510
Alma	298	0	76	222	0	105
Alpena	346	0	104	242	0	141
Ann Arbor	3,306	6	965	2,335	7	1,336
Armada	18	0	4	14	0	6
Auburn Hills	1,029	4	372	653	5	591
Bad Axe	159	0	37	122	0	48
Battle Creek	2,402	9	676	1,717	9	976
Bay City	1,380	1	354	1,025	1	479
Belding	137	0	35	102	0	54
Benton Harbor	566	3	136	427	3	189
Berkley	357	1	160	196	1	235
Bessemer	65	0	12	53	0	18
Beverly Hills	273	0	88	185	0	126
Big Rapids	508	0	110	398	0	145
Birmingham	1,181	0	294	887	0	433
Blissfield	81	0	18	63	0	23
Bloomfield Hills	310	1	84	225	1	118
Boyne City	114	0	25	89	0	37
Brighton	296	0	75	221	0	99
Buchanan	127	0	35	92	0	50
Burton	1,048	7	394	647	7	602
Cadillac	486	0	107	379	0	161
Caro	195	0	30	165	0	43
Cassopolis	61	0	19	42	0	27
Center Line	501	4	147	350	4	207
Charlevoix	172	0	30	142	0	46
Charlotte	242	1	77	164	1	111
Cheboygan	48	1	31	16	1	45
Chelsea	122	0	21	101	0	34
Chesaning	95	0	17	78	0	19
Clare	135	0	38	97	0	52
Clawson	457	2	142	313	2	214
Clio	78	1	19	58	1	25
Coldwater	346	1	77	268	1	109
Corunna	78	0	23	55	0	35
Davison	144	2	41	101	2	57
Dearborn	4,434	13	1,383	3,038	15	2,055
Dearborn Heights	2,074	5	638	1,431	5	989
Detroit	45,741	122	15,821	29,798	128	24,322
Dowagiac	255	0	50	205	0	67
Durand	93	0	9	84	0	13
East Detroit	1,122	2	326	794	2	458
East Grand Rapids	195	0	48	147	0	59
East Jordan	69	0	25	44	0	41
East Lansing	1,233	0	333	900	0	433
Eaton Rapids	121	0	24	97	0	30
Ecorse	426	0	81	345	0	109
Escanaba	747	0	135	612	0	196
Essexville	80	0	27	53	0	31
Farmington	393	0	120	273	0	159
Farmington Hills	1,973	4	716	1,253	4	1,114
Fenton	329	3	115	211	3	156
Ferndale	575	3	295	277	3	429
Flat Rock	248	1	79	168	1	106
Flint	6,806	15	1,989	4,802	17	3,009
Flushing	136	0	43	93	0	70
Frankenmuth	132	0	33	99	0	64

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Franklin	68	0	21	47	0	32
Fraser	769	5	270	494	5	418
Fremont	160	0	34	126	0	49
Garden City	1,179	5	373	801	6	540
Gaylord	195	1	46	148	2	67
Gibralter	70	0	20	50	0	25
Gladstone	151	2	33	116	2	48
Grand Blanc	207	0	65	142	0	88
Grand Haven	631	0	142	489	0	193
Grand Ledge	146	0	31	115	0	51
Grand Rapids	8,198	13	2,213	5,972	15	3,041
Grandville	582	1	176	405	1	254
Grayling	154	0	23	131	0	29
Greenville	398	2	92	304	2	123
Grosse Pointe	175	1	36	138	1	45
Grosse Pointe Farms	213	1	66	146	1	98
Grosse Pointe Park	280	2	71	207	2	91
Grosse Pointe Shores	55	1	17	37	1	24
Grosse Pointe Woods	226	0	58	168	0	87
Hamtramck	823	0	207	616	0	284
Hancock	234	0	32	202	0	41
Harbor Springs	73	0	15	58	0	21
Harper Woods	491	2	144	345	2	196
Harrison	89	1	21	67	1	29
Hartford	56	0	7	49	0	7
Hastings	304	0	71	233	0	103
Hazel Park	1,343	3	441	899	3	666
Highland Park	1,175	3	408	764	3	611
Hillsdale	366	0	71	295	0	97
Holland	1,000	1	351	648	1	492
Holly	158	1	42	115	1	60
Houghton	274	0	59	215	0	72
Howell	259	1	72	186	1	100
Hudson	65	0	9	56	0	15
Hudsonville	112	0	21	91	0	36
Huntington Woods	190	0	45	145	0	71
Inkster	882	1	324	557	1	511
Ionia	298	0	52	246	0	68
Iron Mountain	223	1	71	151	2	96
Iron River	108	0	21	87	0	30
Ironwood	284	0	46	238	0	66
Ishpeming	217	0	33	184	0	54
Ithaca	69	0	21	48	0	29
Jackson	1,958	0	474	1,484	0	680
Kalamazoo	4,063	4	909	3,150	5	1,236
Keego Harbor	120	0	40	80	0	61
Kentwood	1,354	3	375	976	3	546
Kingsford	138	0	24	114	0	33
Lake Orion	200	0	48	152	0	65
L'Anse	58	0	11	47	0	17
Lansing	5,508	9	1,536	3,963	9	2,145
Lapeer	457	2	125	330	2	199
Lathrup Village	293	1	124	168	1	197
Laurium	47	0	7	40	0	12
Lincoln Park	1,701	4	502	1,195	5	731
Linden	35	0	8	27	0	12
Livonia	3,767	6	1,207	2,554	6	1,775
Lowell	152	0	48	104	0	77
Ludington	310	0	57	253	0	72
Madison Heights	1,649	1	584	1,064	1	874
Manchester	61	1	14	46	1	15
Manistee	329	0	69	260	0	102
Manistique	149	0	26	123	0	29

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Marine City	157	1	35	121	1	62
Marlette	60	0	8	52	0	10
Marquette	994	1	182	811	1	234
Marshall	208	0	58	150	0	73
Marysville	187	0	65	122	0	116
Mason	160	1	31	128	1	44
Melvindale	434	2	136	296	2	218
Memphis	19	1	4	14	1	5
Menominee	423	1	105	317	1	138
M.S.U.	323	0	68	255	0	86
Midland	1,274	1	313	960	1	442
Milan	105	0	20	85	0	25
Milford	161	0	36	125	0	48
Monroe	867	2	225	640	2	303
Montrose	48	0	8	40	0	13
Mt. Clemens	837	2	225	610	2	343
Mt. Morris	100	0	31	69	0	37
Mt. Pleasant	662	1	167	494	1	224
Munising	66	0	15	51	0	24
Muskegon	1,815	5	535	1,275	5	804
Muskegon Heights	521	1	140	380	1	216
Negaunee	193	0	48	145	0	72
New Baltimore	250	2	113	135	2	174
New Buffalo	54	0	19	35	0	32
New Haven	64	0	25	39	0	38
Newberry	67	1	7	59	1	11
Niles	582	1	151	430	1	234
North Muskegon	106	1	27	78	1	36
Northville	171	0	49	122	0	66
Norton Shores	605	3	207	395	3	283
Norway	79	0	25	54	0	32
Novi	934	5	341	588	6	524
Oak Park	1,099	2	253	844	2	352
Otsego	88	0	18	70	0	29
Owosso	494	1	134	359	1	186
Oxford	111	0	37	74	0	46
Paw Paw	161	0	32	129	0	36
Petoskey	288	1	44	243	1	61
Plainwell	86	0	26	60	0	30
Pleasant Ridge	140	0	47	93	0	74
Plymouth	324	0	95	229	0	131
Pontiac	3,516	8	1,090	2,418	8	1,648
Port Huron	1,510	4	264	1,242	6	428
Portage	1,320	6	379	935	6	557
Portland	85	0	19	66	0	30
Richland	30	0	6	24	0	7
Richmond	109	0	24	85	0	32
River Rouge	243	0	44	199	0	59
Riverview	329	0	94	235	0	134
Rochester	366	0	81	285	0	110
Rockwood	65	0	18	47	0	21
Rogers City	88	0	14	74	0	26
Romeo	142	1	28	113	1	42
Romulus	1,213	4	385	824	6	603
Roosevelt Park	96	0	29	67	0	35
Roseville	2,461	5	844	1,612	5	1,243
Royal Oak	2,347	7	813	1,527	7	1,146
Saginaw	3,381	8	942	2,431	8	1,336
St. Clair	121	0	25	96	0	34
St. Clair Shores	916	9	532	375	9	807
St. Ignace	79	0	13	66	0	17
St. Johns	334	0	70	264	0	96

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
St. Joseph	456	0	102	354	0	135
St. Louis	103	0	22	81	0	37
Saline	155	0	33	122	0	45
Sandusky	87	0	19	68	0	29
Sault Ste. Marie	517	0	99	418	0	133
South Haven	148	1	48	99	1	74
South Lyon	100	1	21	78	1	32
Southfield	2,800	4	1,205	1,591	4	1,917
Southgate	1,275	3	417	855	3	604
Sparta	97	0	11	86	0	19
Spring Lake	104	0	37	67	0	60
Springfield	201	0	59	142	0	86
Sterling Heights	3,566	13	1,128	2,425	13	1,697
Sturgis	369	0	127	242	0	202
Swartz Creek	136	0	46	90	0	66
Taylor	2,711	2	958	1,751	2	1,453
Tecumseh	231	0	48	183	0	72
Three Rivers	341	0	79	262	0	108
Traverse City	1,085	2	286	797	2	427
Trenton	388	1	154	233	1	232
Troy	3,135	8	1,000	2,127	9	1,526
Utica	468	2	122	344	2	187
Vassar	90	0	16	74	0	20
Wakefield	37	2	8	27	3	12
Walker	716	2	207	507	2	344
Walled Lake	216	0	70	146	0	100
Warren	5,772	21	1,908	3,843	23	2,837
Wayne	579	2	208	369	2	316
W.M.U.	105	0	13	92	0	15
Westland	1,660	8	707	945	8	1,152
Whitehall	98	0	22	76	0	27
Williamston	58	0	15	43	0	17
Wixom	248	1	72	175	1	108
Wolverine Lake	69	0	18	51	0	23
Woodhaven	372	0	118	254	0	183
Wyandotte	1,173	1	263	909	1	361
Wyoming	2,864	4	826	2,034	4	1,191
Ypsilanti	1,097	2	237	858	2	335
Zeeland	85	0	17	68	0	20
Atlas Twp.	97	1	32	64	2	53
Avon Twp.	1,604	8	527	1,069	8	779
Battle Creek Twp.	11	0	4	7	0	5
Benton Twp.	943	5	301	637	6	472
Blackman Twp.	715	3	178	534	3	270
Bloomfield Twp.	1,466	5	515	946	5	774
Bridgeport Twp.	499	3	151	345	4	233
Brownstown Twp.	791	1	277	513	1	459
Buena Vista Twp.	474	3	167	304	3	256
Canton Twp.	995	3	347	645	3	559
Clay Twp.	205	4	58	143	4	85
Clinton Twp.	3,094	9	1,118	1,967	10	1,681
Davison Twp.	239	2	79	158	4	121
Delhi Twp.	491	2	150	339	2	219
DeWitt Twp.	327	4	88	235	5	142
Emmet Twp.	480	3	153	324	3	219
Flint Twp.	1,558	7	520	1,031	10	803
Genesee Twp.	596	5	220	371	5	337
Grand Blanc Twp.	574	4	174	396	5	262
Green Oak Twp.	318	0	120	198	0	161
Grosse Ile Twp.	128	0	38	90	0	57
Hampton Twp.	258	1	63	194	1	88
Huron Twp.	215	0	70	145	0	106
Kalamazoo Twp.	498	0	136	362	0	196
Leoni Twp.	462	4	147	311	4	213
Meridian Twp.	930	2	281	647	2	406
Montrose Twp.	111	1	33	77	1	59

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Mt. Morris Twp.	853	6	297	550	6	472
Napoleon Twp.	174	0	48	126	0	74
Niles Twp.	438	2	142	294	3	237
Northville Twp.	262	3	95	164	3	153
Oakland Twp.	254	3	86	165	4	133
Pittsfield Twp.	871	3	249	619	3	366
Redford Twp.	1,673	4	558	1,111	4	830
Richfield Twp.	158	1	69	88	1	102
Saginaw Twp.	1,259	2	396	861	2	602
St. Joseph Twp.	242	1	77	164	1	126
Shelby Twp.	1,103	5	380	718	5	596
Spaulding Twp.	70	1	20	49	1	28
Van Buren Twp.	603	3	183	417	3	252
Vienna Twp.	368	4	135	229	4	214
Waterford Twp.	2,935	17	1,051	1,867	22	1,599
West Bloomfield Twp.	1,208	0	303	905	0	454
White Lake Twp.	469	2	169	298	2	266
Wright Twp.	22	1	7	14	1	11

REPORTED STATEWIDE TRAFFIC ACCIDENTS BY COUNTY IN MICHIGAN

County	All	Fatal	Injury	Property Damage	Inter-State	Local Street	State Route	Persons Killed	Persons Injured
Alcona	543	1	105	437	0	320	223	1	138
Alger	337	2	77	258	0	149	188	2	125
Allegan	2,574	17	786	1,771	146	1,611	817	18	1,194
Alpena	956	1	256	699	0	505	451	1	375
Antrim	587	2	165	420	0	328	259	2	236
Arenac	666	6	167	493	78	321	267	7	272
Baraga	285	3	69	213	0	131	154	3	100
Barry	1,777	8	444	1,325	0	1,137	640	10	649
Bay	3,790	19	1,192	2,579	211	2,164	1,415	19	1,751
Benzie	430	2	119	309	0	250	180	2	182
Berrien	6,066	31	1,742	4,293	819	3,579	1,668	40	2,647
Branch	1,410	7	307	1,096	134	872	404	7	476
Calhoun	5,302	22	1,431	3,849	1,028	3,534	740	25	2,110
Cass	1,657	15	462	1,180	0	925	732	19	701
Charlevoix	920	5	222	693	0	478	442	6	335
Cheboygan	638	3	223	412	91	308	239	3	344
Chippewa	940	5	231	704	231	544	165	7	320
Clare	1,155	11	280	864	0	602	553	14	426
Clinton	2,011	18	520	1,473	175	1,292	544	20	800
Crawford	621	2	131	488	179	256	186	4	206
Delta	1,705	4	334	1,367	0	1,099	606	4	481
Dickinson	960	3	204	753	0	460	500	4	286
Eaton	3,014	18	876	2,120	314	1,368	1,332	18	1,286
Emmet	1,102	7	276	819	3	581	518	7	419
Genesee	14,932	76	4,743	10,113	1,158	10,253	3,521	86	7,215
Gladwin	916	8	200	708	0	503	413	9	311
Gogebic	540	3	102	435	0	268	272	4	157
Grand Traverse	2,600	11	796	1,793	0	1,675	925	12	1,238
Gratiot	1,338	10	358	970	0	733	605	11	553

REPORTED STATEWIDE TRAFFIC ACCIDENTS BY COUNTY IN MICHIGAN (Continued)

County	All	Fatal	Injury	Property Damage	Inter-State	Local Street	State Route	Persons Killed	Persons Injured
Hillsdale	1,525	11	374	1,140	0	951	574	15	578
Houghton	1,118	5	257	856	0	424	694	5	354
Huron	1,312	11	334	967	0	634	678	14	515
Ingham	10,816	26	2,947	7,843	1,251	6,245	3,320	27	4,134
Ionia	2,077	10	502	1,565	167	1,310	600	12	734
Iosco	1,166	10	263	893	0	653	513	12	389
Iron	506	3	88	415	0	224	282	3	131
Isabella	1,790	13	448	1,329	0	1,172	618	15	692
Jackson	5,426	24	1,415	3,987	920	3,496	1,010	25	2,112
Kalamazoo	8,714	23	2,163	6,528	942	6,109	1,663	26	3,071
Kalkaska	568	3	146	419	0	334	234	3	215
Kent	18,572	60	5,204	13,308	735	12,532	5,305	64	7,505
Keweenaw	57	0	16	41	0	20	37	0	20
Lake	462	0	81	381	0	298	164	0	120
Lapeer	2,250	16	656	1,578	0	1,335	915	18	1,029
Leelanau	482	3	121	358	0	218	264	6	169
Lenawee	3,071	17	858	2,196	0	1,736	1,335	19	1,241
Livingston	3,257	21	1,052	2,184	512	2,100	645	24	1,540
Luce	209	3	40	166	0	102	107	3	65
Mackinac	474	5	87	382	52	168	254	6	142
Macomb	23,903	98	8,170	15,635	1,192	15,154	7,557	105	12,305
Manistee	909	2	216	691	0	554	355	2	310
Marquette	2,467	8	545	1,914	0	1,530	937	8	743
Mason	1,151	5	249	897	0	695	456	6	354
Mecosta	1,699	7	358	1,334	0	947	752	8	501
Menominee	1,468	3	255	1,210	0	810	658	3	369
Midland	2,482	4	653	1,825	0	1,847	635	6	935
Missaukee	457	6	86	365	0	236	221	8	147
Monroe	4,312	35	1,441	2,836	395	2,514	1,403	39	2,169
Montcalm	2,012	15	449	1,548	0	1,098	914	16	673
Montmorency	369	3	68	298	0	196	173	3	115
Muskegon	5,138	25	1,582	3,531	282	3,736	1,120	27	2,327
Newaygo	1,468	3	387	1,078	0	902	566	4	583
Oakland	38,775	122	13,076	25,577	3,267	26,642	8,866	132	19,657
Oceana	703	8	190	505	0	470	233	8	290
Ogemaw	853	4	175	674	189	453	211	6	264
Ontonagon	232	3	47	182	0	81	151	3	68
Osceola	949	6	183	760	0	508	441	6	267
Oscoda	415	5	80	330	0	237	178	5	120
Otsego	658	4	186	468	81	412	165	5	287
Ottawa	4,728	26	1,509	3,193	203	3,255	1,270	29	2,210
Presque Isle	490	2	73	415	0	219	271	3	117
Roscommon	849	6	192	651	75	368	406	6	305
Saginaw	8,100	36	2,447	5,617	451	5,069	2,580	45	3,644
St. Clair	4,426	34	1,166	3,226	163	2,535	1,728	41	1,866
St. Joseph	2,174	18	607	1,549	0	1,014	1,160	21	927
Sanilac	1,387	6	291	1,090	0	743	644	7	466
Schoolcraft	367	0	92	275	0	147	220	0	137
Shiawassee	2,165	15	637	1,513	181	1,255	729	19	935
Tuscola	1,737	14	436	1,287	0	1,041	696	15	680
Van Buren	2,040	17	600	1,423	311	1,223	506	17	921
Washtenaw	9,528	51	2,731	6,746	1,248	5,958	2,322	59	3,929
Wayne	81,901	210	27,329	54,362	7,419	54,977	19,505	224	41,509
Wexford	1,257	7	334	916	0	504	753	8	521
TOTALS	**335,193**	**1,392**	**100,710**	**233,091**	**24,603**	**213,637**	**96,953**	**1,556**	**150,740**

TS-1 (PART 2) (Rev. 3-85)

RURAL

MUNICIPALITIES	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. TOWNSHIPS	301272	1033	636	397	57825	38284	19541	10908	19511	27406	242414	636	38284	397	19541
2. UNDER 1,000	6386	12	9	3	913	681	232	151	322	440	5461	9	681	3	232
3. 1,000 - 2,500	17477	25	17	8	2090	1648	442	328	725	1037	15362	17	1648	8	442
4. 2,500 - 5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. 5,000 - 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. 10,000 - 25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. 25,000 - 50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. 50,000 - 100,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. 100,000 - 250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. 250,000 OR MORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	325135	1070	662	408	60828	40613	20215	11387	20558	28883	263237	662	40613	408	20215

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.	TOTAL	FATAL	INJURY	P.D.
1. TOWNSHIPS	127182	901	37908	88373	87994	539	23081	64374	39188	362	14827	23999	127182	901	37908	88373
2. UNDER 1,000	2498	9	622	1867	1642	6	443	1193	856	3	179	674	2498	9	622	1867
3. 1,000 - 2,500	6667	24	1504	5139	4790	16	1166	3608	1877	8	338	1531	6667	24	1504	5139
4. 2,500 - 5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. 5,000 - 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. 10,000 - 25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. 25,000 - 50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. 50,000 - 100,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. 100,000 - 250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. 250,000 OR MORE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	136347	934	40034	95379	94426	561	24690	69175	41921	373	15344	26204	136347	934	40034	95379

CLASS OF TRAFFICWAY	NUMBER OF PERSONS											THIS YEAR TO DATE			
	TOTAL OCCUP.	KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		TOTAL	ON ROADWAY	OFF ROADWAY	TOTAL	ON ROADWAY	OFF ROADWAY	A	B	C	NOT INJURED	KILLED	INJURED	KILLED	INJURED
1. INTERSTATE SYSTEM	18286	60	30	30	3315	1744	1571	613	1037	1665	14911	30	1744	30	1571
2. OTHER FULL CONTROL	2851	22	16	6	493	226	267	83	185	225	2336	16	226	6	267
3. OTHER U.S. ROUTE	34446	116	83	33	6027	4723	1304	1068	1814	3145	28303	83	4723	33	1304
4. OTHER STATE M ROUTES	77562	243	195	48	13665	11173	2492	2475	4203	6987	63654	195	11173	48	2492
5. OTHER MAJOR ART'L.	5228	9	8	1	927	824	103	143	283	501	4292	8	824	1	103
6. COUNTY ROADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. LOCAL STREETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. OTHER TRAFFICWAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. LOCAL ROADS-N.K.	186762	620	330	290	36401	21923	14478	7005	13036	16360	149741	330	21923	290	14478
TOTALS	325135	1070	662	408	60828	40613	20215	11387	20558	28883	263237	662	40613	408	20215

MOTOR VEHICLE TRAFFIC DEATHS BY COUNTY

County	1980	1981	1982	1983	1984	5 Year Total
POPULATION UNDER 10,000						
Alcona	1	3	1	1	1	7
Alger	3	2	1	1	2	9
Baraga	7	2	2	3	3	17
Benzie	7	2	2	5	2	18
Crawford	3	2	3	2	4	14
Kalkaska	3	3	7	4	3	20
Keweenaw	1	0	1	1	0	3
Lake	5	5	3	5	0	18
Luce	2	2	1	3	3	11
Mackinac	3	12	6	6	6	33
Missaukee	5	4	1	1	8	19
Montmorency	2	0	3	2	3	10
Oscoda	2	4	3	4	5	18
Roscommon	12	8	1	4	6	31
Schoolcraft	1	3	5	0	0	9
POPULATION 10,000 - 15,000						
Antrim	4	2	2	3	2	13
Arenac	5	10	7	3	7	32
Gladwin	3	3	3	4	9	22
Iron	2	2	0	1	3	8
Leelanau	9	3	4	0	6	22
Ogemaw	7	4	8	8	6	33
Ontonagon	1	1	6	3	3	14
Osceola	5	8	10	8	6	37
Otsego	8	4	3	6	5	26
Presque Isle	2	5	4	1	3	15
POPULATION 15,000 - 25,000						
Charlevoix	3	8	2	5	6	24
Cheboygan	6	2	5	3	3	19
Clare	5	12	5	5	14	41
Dickinson	6	9	1	6	4	26
Emmet	5	3	7	5	7	27
Gogebic	5	4	2	7	4	22
Iosco	7	6	6	10	12	41
Manistee	3	11	7	3	2	26
Mason	10	4	4	14	6	38
Menominee	2	6	7	4	3	22
Oceana	11	11	9	6	8	45
Wexford	6	8	6	10	8	38
POPULATION 25,000 - 50,000						
Alpena	13	4	14	6	1	38
Barry	11	13	19	12	10	65
Branch	9	6	5	15	7	42
Cass	18	14	9	13	19	73
Chippewa	7	13	8	2	7	37
Clinton	16	12	12	14	20	74
Delta	14	6	6	7	4	37
Grand Traverse	16	14	16	10	12	68
Gratiot	8	8	11	8	11	46
Hillsdale	14	13	7	14	15	63
Houghton	5	5	5	6	5	26
Huron	19	14	7	2	14	56
Ionia	16	8	6	17	12	59

MOTOR VEHICLE TRAFFIC DEATHS BY COUNTY (Continued)

County	1980	1981	1982	1983	1984	5 Year Total
POPULATION 25,000 - 50,000 (Continued)						
Isabella	3	16	12	18	15	64
Mecosta	9	7	7	13	8	44
Montcalm	27	17	13	12	16	85
Newaygo	12	18	5	12	4	51
St. Joseph	15	16	10	11	21	73
Sanilac	8	11	12	8	7	46
Tuscola	21	11	8	10	15	65
POPULATION 50,000 - 100,000						
Allegan	27	25	21	20	18	111
Eaton	19	16	13	12	18	78
Lapeer	26	13	17	23	18	97
Lenawee	19	18	17	17	19	90
Livingston	31	28	20	31	24	134
Marquette	14	17	7	11	8	57
Midland	11	16	13	11	6	57
Shiawassee	11	24	17	10	19	81
Van Buren	15	18	16	11	17	77
POPULATION OVER 100,000						
Bay	25	18	20	11	19	93
Berrien	37	45	24	23	40	169
Calhoun	32	26	18	16	25	117
Genesee	83	72	86	56	86	383
Ingham	31	25	33	33	27	149
Jackson	28	39	28	28	25	148
Kalamazoo	44	23	21	21	26	135
Kent	72	68	62	68	64	334
Macomb	106	85	83	65	105	444
Monroe	35	27	34	24	39	159
Muskegon	44	28	31	25	27	155
Oakland	153	148	151	117	132	701
Ottawa	28	24	14	19	29	114
Saginaw	45	33	36	30	45	189
St. Clair	30	27	37	23	41	158
Washtenaw	42	36	38	33	59	208
Wayne	333	286	220	226	224	1,289
TOTALS	**1,774**	**1,589**	**1,417**	**1,331**	**1,556**	**7,667**

MOTOR VEHICLE TRAFFIC DEATHS IN CITIES 10,000 POPULATION AND OVER

City	1980	1981	1982	1983	1984	5 Year Total
POPULATION 10,000 - 15,000						
Albion	1	0	0	0	0	1
Alpena	0	1	2	3	0	6
Beverly Hills	1	0	0	1	0	2
Big Rapids	2	1	0	2	0	5
Center Line	1	1	2	2	4	10
East Grand Rapids	2	0	1	0	0	3
Farmington	1	2	0	0	0	3
Fraser	2	2	2	1	5	12
Grand Haven	2	1	0	0	0	3
Grandville	2	0	1	0	1	4
Grosse Pointe Farms	1	1	0	0	1	3
Melvindale	0	1	0	1	2	4
Menominee	0	2	0	0	1	3
Niles	1	1	1	0	1	4
Plymouth	1	0	1	1	0	3
Riverview	0	4	3	2	0	9
St. Joseph	1	0	0	3	0	4
Walker	4	4	5	4	2	19
POPULATION 15,000 - 25,000						
Adrian	1	1	2	1	2	7
Benton Harbor	0	3	2	3	3	11
Berkley	3	3	1	1	1	9
Clawson	0	0	0	0	2	2
Ecorse	2	2	1	1	0	6
Escanaba	2	2	1	2	0	7
Grosse Pointe Park	0	0	0	0	2	2
Grosse Pointe Woods	0	0	1	0	0	1
Harper Woods	0	3	5	0	2	10
Hazel Park	4	0	2	2	3	11
Kentwood	1	2	5	4	3	15
Marquette	4	4	0	3	1	12
Monroe	1	3	4	1	2	11
Mount Clemens	0	1	2	2	2	7
Mount Pleasant	0	0	2	2	1	5
Muskegon Heights	1	1	2	1	1	6
Norton Shores	2	6	5	3	3	19
Owosso	0	1	0	0	1	2
River Rouge	0	1	0	0	0	1
Romulus	17	8	6	9	6	46
Sault Ste. Marie	1	0	0	1	0	2
Traverse City	2	1	3	1	2	9
Trenton	2	1	1	0	1	5
Wayne	1	1	0	0	2	4
POPULATION 25,000 - 50,000						
Allen Park	4	5	1	1	1	12
Battle Creek	6	4	3	4	9	26
Bay City	4	5	3	1	1	14
Birmingham	0	3	2	1	0	6
East Detroit	2	3	3	1	2	11
East Lansing	3	1	4	7	0	15
Ferndale	1	5	3	0	3	12
Garden City	0	0	1	1	6	8
Hamtramck	0	2	0	0	0	2
Highland Park	4	6	1	0	3	14
Holland	2	2	2	1	1	8

MOTOR VEHICLE TRAFFIC DEATHS IN CITIES 10,000 POPULATION AND OVER (Continued)

City	1980	1981	1982	1983	1984	5 Year Total
POPULATION 25,000 - 50,000 (Continued)						
Inkster	1	3	5	1	1	11
Jackson	1	5	4	2	0	12
Madison Heights	4	2	4	2	1	13
Midland	4	2	5	5	1	17
Muskegon	5	4	2	3	5	19
Oak Park	2	1	3	0	2	8
Port Huron	4	2	3	1	6	16
Portage	8	3	2	3	6	22
Southgate	2	2	3	5	3	15
Troy	10	8	10	12	9	49
Wyandotte	0	1	0	2	1	4
Ypsilanti	4	2	1	2	2	11
POPULATION OVER 50,000						
Ann Arbor	4	4	7	4	7	26
Dearborn	19	11	12	10	15	67
Dearborn Heights	10	7	3	4	5	29
Detroit	162	148	107	112	128	657
Flint	24	16	17	14	17	88
Grand Rapids	19	10	14	18	15	76
Kalamazoo	7	2	3	4	5	21
Lansing	11	11	10	10	9	51
Lincoln Park	4	5	4	8	5	26
Livonia	14	13	13	8	6	54
Pontiac	11	6	9	5	8	39
Roseville	7	9	7	4	5	32
Royal Oak	12	4	7	6	7	36
Saginaw	3	7	9	6	8	33
St. Clair Shores	6	3	6	6	9	30
Southfield	8	13	11	2	4	38
Sterling Heights	14	14	7	9	13	57
Taylor	21	14	9	13	2	59
Warren	22	17	15	11	23	88
Westland	9	7	7	10	8	41
Wyoming	10	10	9	2	4	35

DEATHS, INJURIES AND ACCIDENTS BY LOCATIONS

Year	Total	Statewide		Rural	
		Urban	Rural	Trunkline	County Road
DEATHS					
1965	2,136	708	1,428	743	685
1966	2,298	748	1,550	812	738
1967	2,137	719	1,418	734	684
1968	2,392	703	1,689	865	824
1969	2,487	769	1,718	908	810
1970	2,177	662	1,515	746	769
1971	2,152	661	1,491	737	754
1972	2,258	737	1,521	743	778
1973	2,213	709	1,504	730	774
1974	1,875	640	1,235	533	702
1975	1,811	610	1,201	692	509
1976	1,955	691	1,264	569	695
1977	1,950	628	1,322	605	717
1978	2,076	679	1,399	641	758
1979	1,849	580	1,269	579	690
1980	1,774	601	1,173	518	655
1981	1,589	533	1,056	451	605
1982	1,417	484	933	422	511
1983	1,331	433	898	355	543
1984	1,556	486	1,070	450	620
INJURIES					
1965	155,258	99,225	56,033	27,025	29,008
1966	156,694	97,983	58,711	26,907	31,804
1967	151,297	95,583	55,714	26,122	29,592
1968	161,413	99,813	60,600	27,386	33,214
1969	175,400	114,409	60,991	27,790	33,201
1970	161,719	102,960	58,759	26,205	32,554
1971	157,664	99,762	57,902	25,800	32,012
1972	178,929	115,834	63,095	28,147	34,948
1973	169,485	108,170	61,315	25,599	35,716
1974	141,132	88,755	52,377	20,209	32,168
1975	147,299	91,573	55,726	21,053	34,673
1976	162,894	99,704	63,190	25,251	37,939
1977	166,389	99,612	66,777	26,927	39,850
1978	169,202	99,533	69,669	28,194	41,475
1979	162,571	97,167	65,404	26,171	39,233
1980	144,972	85,760	59,212	22,508	36,704
1981	136,455	80,736	55,719	21,431	34,388
1982	130,061	76,885	53,176	21,024	32,152
1983	135,811	80,792	55,019	21,457	33,562
1984	150,740	89,912	60,828	24,427	36,401
ACCIDENTS					
1965	310,598	228,091	82,507	37,859	44,648
1966	302,880	215,172	87,708	38,875	48,833
1967	299,004	212,094	86,910	38,233	48,677
1968	305,495	209,854	95,641	42,021	53,620
1969	331,223	231,375	99,848	44,131	55,717
1970	313,715	210,932	102,783	44,984	57,799
1971	314,015	204,095	109,920	48,941	60,979
1972	359,745	236,116	123,629	53,673	69,956
1973	350,864	228,660	122,204	50,431	71,773
1974	324,763	210,716	114,047	43,396	70,651
1975	333,560	213,934	119,626	44,707	74,919
1976	365,600	232,293	133,307	52,401	80,906
1977	374,751	232,322	142,429	55,813	86,616
1978	389,193	239,201	149,992	58,582	91,410
1979	366,435	226,717	139,718	54,759	84,959
1980	314,594	189,285	125,309	46,853	78,456
1981	302,831	180,528	122,203	46,378	75,925
1982	294,971	176,752	118,219	45,222	72,997
1983	300,797	178,906	121,891	46,387	75,504
1984	335,193	198,846	136,347	53,865	82,482

MOTOR VEHICLE TRAFFIC DEATHS IN MICHIGAN BY MONTH

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1937	189	127	149	142	161	176	221	234	202	224	181	169	2,175
1938	118	65	84	91	109	99	126	139	153	164	161	145	1,454
1939	101	89	103	80	118	122	172	150	128	166	164	187	1,580
1940	122	98	137	99	130	141	127	161	158	216	184	157	1,730
1941	131	128	152	128	193	178	195	231	176	230	219	172	2,133
1942	139	114	89	96	129	92	120	125	146	109	87	79	1,325
1943	59	51	79	44	75	89	82	67	110	118	96	122	992
1944	130	100	81	82	49	57	59	95	68	97	116	100	1,034
1945	71	60	85	78	74	71	94	88	118	160	131	120	1,150
1946	107	98	121	88	110	106	119	130	123	143	160	165	1,470
1947	86	86	85	113	124	114	134	149	134	142	145	135	1,447
1948	89	64	92	109	125	118	138	134	150	133	165	195	1,512
1949	101	82	106	91	110	99	116	138	169	144	149	136	1,441
1950	105	84	87	139	122	125	153	152	157	174	154	153	1,605
1951	131	103	103	117	119	137	170	163	158	146	160	133	1,640
1952	81	121	125	94	145	169	140	184	181	152	166	178	1,736
1953	139	116	136	132	134	173	176	183	187	187	167	175	1,905
1954	130	126	100	119	149	132	182	167	168	167	153	200	1,793
1955	134	117	116	160	157	192	169	209	160	204	208	190	2,016
1956	166	136	132	140	133	115	149	159	169	144	145	158	1,746
1957	121	98	118	118	130	122	127	152	123	143	135	161	1,548
1958	94	90	95	89	92	112	120	134	132	113	165	146	1,382
1959	76	69	91	126	126	124	148	128	155	125	144	161	1,473
1960	139	76	102	105	107	133	159	154	137	186	152	154	1,604
1961	105	99	113	138	133	114	141	166	128	139	148	143	1,567
1962	94	70	115	110	123	147	166	175	170	172	118	114	1,574
1963	107	95	124	142	148	173	188	177	163	179	196	195	1,887
1964	170	159	158	144	164	167	217	197	177	199	177	193	2,122
1965	153	113	135	143	156	181	211	220	193	214	172	245	2,136
1966	147	156	179	151	207	204	212	206	203	220	205	208	2,298
1967	130	105	141	162	187	140	210	189	223	230	216	204	2,137
1968	130	147	164	150	240	214	208	233	209	248	283	166	2,392
1969	137	158	173	169	239	236	218	254	230	236	219	218	2,487
1970	167	143	160	141	214	205	197	204	213	217	178	138	2,177
1971	137	124	155	144	187	212	222	227	155	209	202	178	2,152
1972	156	161	155	150	204	209	225	210	225	219	174	170	2,258
1973	187	156	173	140	180	230	225	201	204	209	171	137	2,213
1974	111	112	107	116	144	197	189	178	200	195	201	125	1,875
1975	120	97	112	93	149	169	195	203	190	162	161	160	1,811
1976	118	102	134	150	163	169	196	227	189	171	174	162	1,955
1977	126	87	122	143	184	179	223	194	164	189	181	158	1,950
1978	98	104	128	177	178	203	206	229	214	199	183	157	2,076
1979	102	103	129	152	146	155	190	171	174	187	171	169	1,849
1980	117	131	109	116	153	170	142	183	192	152	133	176	1,774
1981	99	100	108	116	116	155	159	171	149	155	113	148	1,589
1982	98	79	93	91	114	121	154	153	128	144	131	111	1,417
1983	113	94	83	91	91	127	121	117	131	153	115	95	1,331
1984	93	84	104	94	125	143	175	174	135	153	134	142	1,556

TREND DATA FOR FATAL ACCIDENTS

Trend Data	1980	1981	1982	1983	1984
AGE OF PERSONS KILLED, TOTAL					
0 - 4 years	41	24	22	23	29
5 - 9 years	52	53	37	35	37
10 - 14 years	64	57	48	47	54
15 - 19 years	306	224	219	222	249
20 - 24 years	337	268	223	232	242
25 - 34 years	363	343	297	269	330
35 - 44 years	174	172	146	152	168
45 - 54 years	142	134	122	109	113
55 - 64 years	128	113	118	80	121
65 - 74 years	77	97	80	65	110
75 years and over	85	96	100	95	101
Not Stated	5	8	5	2	2
TOTALS	**1,774**	**1,589**	**1,417**	**1,331**	**1,556**
AGE OF PERSONS KILLED, PEDESTRIANS					
0 - 4 years	11	7	9	9	7
5 - 9 years	22	30	19	18	18
10 - 14 years	19	24	10	15	12
15 - 19 years	29	29	21	34	29
20 - 24 years	32	26	32	26	13
25 - 34 years	45	38	37	39	50
35 - 44 years	26	23	24	23	27
45 - 54 years	26	17	15	12	21
55 - 64 years	28	23	20	20	27
65 - 74 years	16	28	12	15	20
75 years and over	30	25	28	30	25
Not Stated	3	4	0	0	1
TOTALS	**287**	**274**	**227**	**241**	**250**
AGE OF DRIVERS INVOLVED					
15 years and under	23	16	9	11	13
16 years	49	31	44	41	49
17 years	91	95	59	56	73
18 - 19 years	213	162	159	141	184
20 - 24 years	537	419	352	344	384
25 - 34 years	584	577	494	464	556
35 - 44 years	295	302	244	249	301
45 - 54 years	198	228	201	162	173
55 - 64 years	164	145	154	124	150
65 years and over	123	160	148	135	174
Not Stated	68	57	63	37	58
TOTALS	**2,345**	**2,192**	**1,927**	**1,764**	**2,115**
PEDESTRIAN ACTION					
Crossing at intersection	42	35	42	32	47
Crossing not at intersection	99	105	78	98	88
In road with traffic	46	29	38	23	23
In road against traffic	3	7	5	9	6
Standing or lying in road	45	52	36	48	39
Pushing or working on vehicle	8	6	4	4	3
Other working in road	0	2	1	0	0
Playing in road	0	8	0	0	0
In road for other reasons	1	4	4	8	10
Not in road	42	25	17	18	24
Other or not stated	1	1	2	1	10
TOTALS	**287**	**274**	**227**	**241**	**250**

FATAL ACCIDENTS AND PERSONS KILLED FOR SELECTED HOLIDAY PERIODS IN MICHIGAN

Holiday	Fatal Accidents	Persons Killed
MEMORIAL DAY		
1984 (3)	14	18
1983 (3)	11	13
1982 (3)	9	9
1981 (3)	9	12
1980 (3)	23	23
FOURTH OF JULY		
1984 (1)	8	8
1983 (3)	21	22
1982 (3)	28	30
1981 (3)	18	22
1980 (3)	25	25
LABOR DAY		
1984 (3)	17	19
1983 (3)	17	17
1982 (3)	21	21
1981 (3)	16	17
1980 (3)	24	26
THANKSGIVING		
1984 (4)	18	19
1983 (4)	11	12
1982 (4)	23	27
1981 (4)	12	13
1980 (4)	28	32
CHRISTMAS		
1984 (4)	18	20
1983 (3)	5	5
1982 (3)	16	19
1981 (3)	14	15
1980 (4)	21	23
NEW YEARS		
1984 (4)	25	25
1983 (3)	8	8
1982 (3)	9	9
1981 (3)	12	17
1980 (4)	18	21

Summary for 1984

This schedule shows the traffic death tolls in Michigan for the past five years for the major holiday periods.

Based on the total 1984 experience, the average daily deaths were 4.3 persons per day.

All weekend deaths, Saturdays and Sundays, plus six hours of the preceding Friday, totaled 675 which is an average of 13.0 deaths per weekend.

From experience, it is evident that Michigan's highways have their share of tragedies.

Figures in parentheses show number of full days in each holiday period. Deaths are for these days plus the last six hours of the preceding day.

MOTOR VEHICLE TRAFFIC ACCIDENT AND RELATED DATA

Year	Deaths	Injuries	Accidents	Estimated Mileage (Millions)	Motor Vehicle Registrations*	Death Rate**
1938	1,454	22,891	71,114	12,872.8	1,416,514	11.3
1939	1,580	28,465	91,965	14,062.7	1,482,485	11.2
1940	1,730	34,247	116,154	15,132.3	1,563,635	11.4
1941	2,133	40,708	133,236	17,043.5	1,717,449	12.5
1942	1,325	28,967	100,125	13,900.3	1,626,861	9.5
1943	992	21,988	71,450	10,530.0	1,542,798	9.4
1944	1,034	23,401	72,013	10,651.0	1,505,246	9.7
1945	1,150	27,755	83,160	11,915.6	1,483,466	9.7
1946	1,470	34,479	110,631	16,191.1	1,619,541	9.1
1947	1,447	38,195	137,619	17,661.1	1,850,274	8.2
1948	1,512	40,892	140,172	16,069.2	2,030685	7.9
1949	1,441	41,647	143,197	19,990.4	2,203,375	7.2
1950	1,605	45,734	161,750	21,494.5	2,439,593	7.5
1951	1,640	48,418	176,587	22,668.1	2,560,652	7.2
1952	1,736	49,119	160,829	23,093.1	2,586,834	7.5
1953	1,905	57,834	184,174	25,346.9	2,808,921	7.5
1954	1,793	56,444	185,534	26,041.2	2,889,740	6.9
1955	2,016	62,234	196,812	28,282.5	3,149,323	7.1
1956	1,746	61,158	197,995	28,429.3	3,173,704	6.1
1957	1,548	60,067	191,915	29,252.2	3,256,150	5.3
1958	1,382	57,767	177,934	29,411.3	3,157,441	4.7
1959	1,473	64,873	198,771	30,679.0	3,252,492	4.8
1960	1,604	91,026	209,724	31,842.4	3,352,234	5.0
1961	1,567	93,350	199,973	32,101.5	3,395,736	4.9
1962	1,574	108,143	233,078	34,498.0	3,498,758	4.6
1963	1,887	126,896	261,794	36,452.2	3,646,080	5.2
1964	2,122	144,623	284,444	38,617.6	3,860,791	5.5
1965	2,136	155,258	310,598	40,857.4	4,066,826	5.2
1966	2,298	156,694	302,880	43,940.1	4,133,199	5.2
1967	2,137	151,297	299,004	45,053.6	4,161,573	4.7
1968	2,392	160,413	305,495	48,047.4	4,327,885	5.0
1969	2,487	175,400	331,223	50,904.9	4,560,097	4.9
1970	2,177	161,719	313,715	53,148.1	4,683,919	4.1
1971	2,152	157,664	314,015	55,539.7	4,835,146	3.9
1972	2,258	178,929	359,745	57,817.1	5,160,985	3.9
1973	2,213	169,485	350,864	58,478.4	5,442,233	3.8
1974	1,875	141,132	324,763	55,748.7	5,652,406	3.4
1975	1,811	147,299	333,560	56,260.5	5,744,441	3.2
1976	1,955	162,894	365,600	61,638.0	5,861,908	3.2
1977	1,950	166,389	374,751	64,853.0	6,138,732	3.0
1978	2,076	169,202	389,193	67,380.0	6,436,365	3.1
1979	1,849	162,571	366,435	64,882.3	6,536,246	2.9
1980	1,774	144,972	314,594	61,190.1	6,570,735	2.9
1981	1,589	136,455	302,831	62,000.0	6,140,286	2.6
1982	1,417	130,061	294,971	61,321.7	6,400,942	2.3
1983	1,331	135,811	300,797	63,560.1	6,443,499	2.1
1984	1,556	150,740	335,193	65,727.0	6,509,192	2.4

*Excludes trailers and trailer coaches.
**Deaths per 100 million miles of travel.